Retrospective Estimates of Interannual and Decadal Variability in Lower Trophic Level Production in the Hecate Strait-Queen Charlotte Sound Region from 1958 to 1998

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RETROSPECTIVE ESTIMATES OF INTERANNUAL AND DECADAL VARIABILITY IN LOWER TROPHIC LEVEL PRODUCTION IN THE HECATE STRAIT-QUEEN CHARLOTTE SOUND REGION FROM 1958 to 1998

by

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ABSTRACT

Ware, D., and McQueen, D. 2006. Retrospective estimates of interannual and decadal variability in lower trophic level production in the Hecate Strait-Queen Charlotte Sound region from 1958 to 1998. Can. Tech. Rep. Fish. Aquat. Sci. 2656: vii + 31 p.

The work summarized in this report involved reconstructing daily time series of sea surface temperature, hours of bright sunlight and daily alongshore wind speeds in the Hecate Strait region from 1958 to 1998. The objective was to force the newest version of the NPZ model with a number of important variables derived from these climate time series to provide daily (and annual) estimates of production and biomass for phytoplankton, "spring" zooplankton, copepods and euphausiids from 1958-1998. For the period 1958-1998, the model estimates that the primary production averaged about 223 g C·m^{-2}·yr^{-1}, and that the zooplankton converted the net primary production into zooplankton production with an average ecological efficiency (total zooplankton production/net primary production) of 10%. Also, zooplankton production was more variable than the primary production, and euphausiid and copepod functional groups were more variable than spring zooplankton. Annual net primary production was most highly correlated with average upwelling wind speed during the production season. Annual production of the combined zooplankton was most highly correlated with the net primary production ($r^2 = 0.75$), and with the average upwelling wind speed ($r^2 = 0.39$). Euphausiid production was most highly correlated with net primary production ($r^2 = 0.76$), and the average upwelling wind speed ($r^2 = 0.38$). In the model, the annual production of euphausiids was also highly correlated with the annual production of copepods ($r^2 = 0.92$).

RÉSUMÉ

Ware, D., and McQueen, D. 2006. Retrospective estimates of interannual and decadal variability in lower trophic level production in the Hecate Strait-Queen Charlotte Sound region from 1958 to 1998. Can. Tech. Rep. Fish. Aquat. Sci. 2656: vii + 31 p.

Ce rapport résume les travaux nécessaires au rétablissement des séries chronologiques quotidiennes de la température de l'eau en surface, des heures d'ensoleillement et de la vitesse du vent le long des côtes dans la région du détroit d'Hécate entre 1958 et 1998. L'objectif consistait à utiliser un certain nombre de variables importantes dérivées de ces séries chronologiques climatologiques dans la nouvelle version du modèle du zooplancton, du phytoplancton et des éléments nutritifs en fonction du climat dans le détroit d'Hécate pour obtenir des estimations quotidiennes (et annuelles) de la production et de la biomasse de phytoplancton, de zooplancton printanier, de copépodes et d'euphausiacés pour la période de 1958 à 1998. Le modèle a permis d'estimer que la production primaire était en moyenne de 223 g C par m^2 par année et que l'efficacité écologique moyenne du zooplancton (production zooplanctonique totale / production primaire nette) se chiffrait à 10 %. De plus, la production de zooplancton variait davantage que la production primaire, et les groupes fonctionnels des copépodes et des euphausiacés variaient davantage que le zooplancton printanier. La production primaire nette annuelle était corrélée le plus étroitement à la vitesse moyenne du vent qui favorise la remontée d'eaux froides durant la saison de production. La production annuelle de l'ensemble du zooplancton était corrélée le plus étroitement à la production primaire nette ($r^2 = 0,75$) et à la vitesse moyenne du vent qui favorise la remontée d'eaux froides ($r^2 = 0,39$). La production d'euphausiacés était corrélée le plus étroitement à la production primaire nette ($r^2 = 0,76$) et à la vitesse moyenne du vent qui favorise la remontée d'eaux froides ($r^2 = 0,38$). La production annuelle d'euphausiacés était également étroitement corrélée à la production annuelle de copépodes ($r^2 = 0,92$).

INTRODUCTION

A principal objective of the "Ecosystem Approach to Fisheries Management in Hecate Strait" project led by Fisheries and Oceans Canada (DFO) is to increase existing knowledge about the major factors affecting the productivity of commercial marine fisheries in the Hecate Strait region by investigating the relative influences of fishing, environmental, and biological processes on the population dynamics and distribution of marine fishes. The purpose of the lower trophic level modeling component of this project is to: A) develop a dynamic climate-forced model of the Hecate Strait pelagic ecosystem that can be used to estimate lower trophic level productivity in the region, B) retrospectively diagnose how ocean climate variations and trends in the 1990s may have affected lower trophic level productivity and the seasonal timing of important biological events, and C) explore how the Hecate Strait ecosystem may have responded to changes in climatic conditions over the last four decades. Our earlier reports (McQueen and Ware 2006; Ware and McQueen 2006) addressed the first two objectives. This report focuses on the third objective which is the retrospective analysis.

The work summarized in this report involved reconstructing daily time series of sea surface temperature (SST), hours of bright sunlight and daily alongshore wind speeds in the Hecate Strait region from 1958 to 1998. Electronic data files associated with this report are listed in Appendix D and are available upon request. The objective was to force the newest version of the Nutrient/Phytoplankton/Zooplankton (NPZ) model with a number of important variables derived from these climate time series to provide daily (and annual) estimates of production and biomass for phytoplankton, "spring" zooplankton, copepods and euphausiids from 1958-1998. The resulting plankton biomass and production time series will be compared by the ECOSIM modeling group with the top-down derived outputs from the Hecate Strait ECOSIM model that is also being developed in the Hecate Strait Project. In addition, the NPZ model output time series will also be used to provide bottom-up forcing to the ECOSIM model.

Brief Description of the Hecate Strait NPZ Model

The modeling approach taken here is to develop a dynamic simulation model which tracks the flow of biomass from the bottom of the food web (phytoplankton), through copepods, euphausiids, and other key zooplankton to higher order predators in the system. The current version of the model is forced by a suite of climatic factors which regulate phytoplankton production through water temperature, hours of sunlight, wind mixing, and upwelling. The last two factors affect nutrient availability, which is extremely important. Daily values of day length, hours of bright sunshine, SST, upwelling wind speed, and mixing depth are input to the model starting 1 March (Day 60) and ending 30 November (Day 334). Virtually all of the annual production occurs during this period. See Ware and McQueen (2006) for a detailed description of the model.

The net rate of primary production (mg $C \cdot m^{-3} \cdot d^{-1}$) is determined by the biomass and depth distribution of the phytoplankton, plus the available Photosynthetically Active Radiation (PAR) and nitrogen at depth. The model calculates the average depth (m) of the phytoplankton each day as the result of sinking and wind mixing. Sinking rates are typically about 0.1-1.0 m·d^{-1} (Ziemann *et al* 1990). In the model, wind mixing can either increase or decrease the depth of the phytoplankton depending on the intensity of mixing.

The model explicitly considers three functional groups of zooplankton: "spring" zooplankton, copepods, and euphausiids. Abundance information about the different zooplankton species is available from a number of sources (McQueen and Ware 2006). Appendix A summarizes how the zooplankton data were standardized and sorted into the three functional groups in the model.

We assume that most of the "spring" zooplankton biomass is herbivorous because this group dominates the zooplankton community during the spring bloom. We also assume that the copepods are primarily herbivorous. A formulation of the daily specific grazing rate of the spring zooplankton and copepods was guided by data contained in McAllister (1970) and Frost (1987). We used a Michaelis-Menten functional response because it fits the experimental data, as well as other models that have been used to calculate zooplankton feeding rates.

Daily and cumulative production rates for each zooplankton group are estimated in the model by summing the daily growth rates and "integrating" over depth by assuming that all grazing takes place in the euphotic zone during the production season.

The version of the model used for the retrospective analysis (*Colim436*) is a slightly modified version of the previous model (*Colim434*) described in our 2006 report (Ware and McQueen 2006). The newest version fixes some weaknesses of the previous model. For example, the zooplankton ecological efficiency in the older version of the model was a little too high, and the primary production was a little too low. The latest version of the model (*Colim436*) corrects these and other anomalies.

METHODS

Development of the Long-term (1958-1998) Climate Data File for Hecate Strait

The Hecate Strait long-term data file was assembled using information from three sources. The *first* source comprised daily data for "hours of bright sunlight" at Port Hardy and/or Sandspit. Due to constraints imposed by data availability, Sandspit data were used from January 01, 1958 through to April 30, 1971 and Port Hardy data were used from May 01, 1971 through December 31, 1998. The *second* data source comprised sea surface temperature (SST) data from McInnes Lighthouse which is located on the east side of Hecate Strait near Buoy 46185 (hereafter referred to as "Buoy 185"). This data set provides hourly salinity and SST data for McInnes Island from 1954 through 2003. The *third* data set, termed the "Faucher Wind" data set, was developed by Manon Faucher in conjunction with oceanographers at the Institute of Oceans Sciences (IOS) in Sydney, B.C. and the University of British Columbia. It provides simulated wind velocity and direction data for Buoys 004, 036, 184, 132, 145, 147, 183, 185, 204, 205, 206, 207 and 208 on the Pacific coast of North America. The methods used to develop these data are described in a manuscript available from Bill Crawford at IOS. The Faucher data set provides data every six hours for: date (1958-1998), mean U (east-west $m \cdot s^{-1}$), mean V (north-south $m \cdot s^{-1}$), mean daily wind speed ($m \cdot s^{-1}$), and mean daily wind direction (degrees). For the Hecate Strait model, we used data from Buoy 185.

Once assembled, the data sets were edited in several ways:

1) Hourly data for bright sunlight, hourly data for SST, and six-hourly data for Faucher V wind velocity were averaged to produce mean daily values.

2) Daily hours of bright sunlight data were then used without further modification except that missing values for all of April 1995 and all of February 1997 were estimated by substituting mean daily values averaged over 10 years (1990-1999).

3) Daily SST data from McInnes Lighthouse were corrected in two ways. First, it was observed that some McInnes SST values were <6°C during mid-winter. This was never observed at Buoy 185, and so all McInnes values <6°C were made to equal 6°C. Second, the corrected McInnes Lighthouse SST data were again correlated with SST data collected from 1992-1998 at Buoy 185. The resulting regression plot (Fig. 1) suggested that the 1992-1998 McInnes Island data averaged 0.7°C less than the 1992-1998 Buoy 185 data, and therefore the McInnes data set were corrected by adding 0.7°C to each value. The resulting plot (Fig. 2) suggested that the correction brought the two data sets into good agreement.

4) The V wind velocity ($m \cdot s^{-1}$) data from the Faucher data set required one adjustment. When mean daily 1992-1998 Faucher V wind velocity was regressed against V measured at Buoy 185 (1992-1998), the resulting relationship (Fig. 3) showed that at high Buoy 185 V wind velocities, the Faucher V values were too low. Faucher V values were also too high at low Buoy 185 V wind velocities.

The relationship is:

$$\text{Faucher V} = 0.370761 + 0.712639(\text{Buoy V}) \qquad \text{Eq. 1}$$

Using this relationship, we estimated mean Faucher V with respect to measured Buoy V (Fig. 4).

We then calculated the average deviation between Faucher V and measured Buoy V for 1992-98 (Fig. 5). The relationship is:

$$\text{Deviation} = 0.40324(\text{Faucher V}) - 0.52026. \qquad \text{Eq. 2}$$

When Faucher V is negative the deviation is negative. When Faucher V is positive the deviation is positive. When the deviation is applied to the Faucher V data, the effect is to increase the slope, which corrects for the bias observed in Figure 3. As seen in Figure 6, this corrected relationship provides a much improved fit between mean daily 1992-1998 Faucher V and mean daily measured Buoy 185 V (regression $p < 0.001$). The correction described in Figure 5 was applied to all mean daily Faucher V, completing all of the bias corrections applied to the original data set.

In summary, the long-term (1958-1998) Hecate Strait data set includes SST data from McInnes Island, hours of bright sunlight data from Sandspit and Port Hardy, and Faucher V wind velocity data. Biases in the SST and Faucher V data were removed by comparing both to 1992-1998 data obtained from Buoy 185 and applying appropriate corrections. These were then applied to the entire 1958-1998 long-term data set. The completed data set includes 13 parameters:

C1 = Year

C2 = DAY. Numerical day of the year (1 = Jan. 1; 365 = Dec. 31).

C3 = Faucher U wind speed (daily mean, $m \cdot s^{-1}$).

C4 = Faucher V wind speed (daily mean, $m \cdot s^{-1}$). Positive alongshore wind speeds (downwelling-favourable) indicate that the wind is blowing northward from the SE. Negative wind speeds (upwelling-favourable) indicate that the wind is blowing southward from the NW.

C5 = Faucher mean wind speed (daily mean, $m \cdot s^{-1}$).

C6 = Faucher mean wind direction (daily mean direction, degrees).

C7 = SST. Daily sea surface temperature (°C) at McInnes Island Lighthouse.

C8 = HBS. Daily hours of bright sunlight at Port Hardy and Sandspit.

C9 = A-Wind. Daily average, alongshore wind speed ($m \cdot s^{-1}$). All the data in this column are absolute values of the data in C4.

C10 = UPWEL-Wind. Daily Upwelling wind speed ($m \cdot s^{-1}$). Data in this column include only the negative sign (NW winds) values in C4. When the wind was blowing from the SE, a "0" is inserted in C10. The data in this column indicate the speed of the upwelling-favourable northwesterly wind.

C11= Delta SST. Daily Delta Temperature (°C). C11 = C7 - 6.

C12 = Mixing Depth. Daily mixing Depth (m) at model location.
$C12 = 4.77(C11)^{-0.714}(C9)^{1.28}$

C13 = ME Depth. Deep mixing event depth (m). This column contains the mixing depth for all the days in C12 when the depth of mixing was ≥ 30m. If the estimated mixing depth was less than 30 m, a "0" entry is inserted in C13.
$C13 = 4.77(C11)^{-0.714}(C9)^{1.28}$

Model Input Time Series

Five of the above mentioned time series were used to provide daily forcing to the model. These were: A) average sea surface temperature, B) daily hours of bright sunlight, C) average alongshore wind speed, D) average upwelling wind speed, and E) average depth of mixing. The interannual variability and the lower frequency decadal trends in the average values of these variables during the production season (1 March to 30 November) are shown in Figures 7-11.

The low frequency decadal trends shown in Figures 7-11 indicate that both the average upwelling-favourable wind speed and alongshore wind speed declined in the 1960s, reached a minimum in the early 1970s, then increased for the next 25 years and reached a peak in the early 1990s. The average sea surface temperature trend was very similar to the wind time series, except that average SST remained anomalously warm up to 1998. As expected, the average mixing depth (Fig. 9) varied inversely with the wind and SST time series. When the average SST was high, the upper layer was more stratified and required strong winds to mix the surface waters to deeper depths. Although there was significant interannual variability in the hours of bright sunlight, there were no pronounced decadal trends in this aspect of the climate.

Table 1 summarizes the March-November means and interannual variability in the climate time series for 1958-1998 (41 years). The results show that the most variable component of the climate during this period was the average upwelling wind speed. The second most variable component was the average mixing depth.

RESULTS AND DISCUSSION

In the following sections, we first use data for the 1990s to compare outputs from two versions of the model and two data sets (Buoy data and Faucher data). We then compare 1998-1999 chlorophyll outputs with field data from the SeaWiFS satellite. Finally, we use the "Faucher wind" data set and the most recent version of the model (*Colim436*) to generate daily and annual outputs for the period 1958-1998.

Comparison of *Colim434* and *Colim436* Model Outputs

Table 2 summarizes the annual estimates of primary and secondary production produced by the previous version of the model (*Colim434*) and the latest version (*Colim436*), for the two different wind time series in the 1990s. Model *Buoy_Colim434* was the version of the model used in our 2006 report (where it is referred to as *Model v4.3.4*). Modifications to that model lead to version *Buoy_Colim436*, which we believe is generally superior to the *Buoy_Colim434* version based on a diagnostic comparison of model output.

Tables 3 and 4 summarize the correlations in primary and secondary production for three different versions of the model for the 1990s. Table 3 indicates that the highest correlation in the estimates of primary production is for the two models which have the same biological structure (*Colim436*), but are being forced by slightly different ocean climate data (Buoy or Faucher time series). In this case, the correlation is also high for the two models that have slightly different biological structure (*Colim434* and *Colim436*), but are forced by the same ocean climate data (Buoy; see Appendix D to obtain the Excel spreadsheet "*Buoy185 ocean climate data.xls*").

Table 4 summarizes the correlation coefficients for the annual zooplankton production produced by the three models. The results are similar to Table 3. However, in this case the correlation between the output produced by the two different versions of the model (*Colim434* and *Colim436*) is not as high.

The correlations between the *Buoy_Colim436* and *Faucher_Colim436* estimates of copepod and euphausiid production were lower ($r^2 = 0.32$ and 0.29 respectively). This highlights the fact that in the model, these functional groups are very sensitive to oceanic and biological conditions in the summer and fall. Slight variations in these conditions can have a measurable impact on production.

We conclude from this comparison that the output produced by the model using the Faucher retrospective wind time series (*Faucher_Colim436*) yields comparable results as the same version of the model that is forced by the wind data measured at meteorological Buoy 185 (*Buoy_Colim436*).

Comparison of Model *Colim436* Chlorophyll Estimates with SeaWiFS Data

As noted above, we believe that the *Colim436* version of the model produces more realistic estimates of primary production than the earlier (*Colim434*) version. Figures 12 and 13 show how well the monthly estimates of surface chl *a* ($mg \cdot m^{-3}$) produced by model *Buoy_Colim436* compare with empirical measurements made by the SeaWiFS satellite for 1998 and 1999 in the Hecate Strait region. The model does a reasonable job of capturing the timing and amplitude of the spring bloom in 1998, but it underestimates the surface chl *a* concentration in the fall. For 1999, the model reproduces the magnitude of the seasonal change in chl *a* concentrations, except for the obvious phase shift. According to the satellite measurements, the spring bloom peak occurred about a month later than the model estimate. However, the model successfully predicted that the spring bloom peak should have been later in 1999 than it was in 1998.

Variability in Lower Trophic Level Production

Table 5 summarizes the long-term means, ranges and coefficients of variation (CV) of the production of each functional group in the model.

Over the last four decades, the model estimates that the primary production averaged about 223 $g\ C \cdot m^{-2} \cdot yr^{-1}$, and that the zooplankton converted the net primary production into zooplankton production with an average ecological efficiency (total zooplankton production/net primary production) of 10%. Table 5 also indicates that the zooplankton production is more variable than the primary production, and that the euphausiid and copepod functional groups appear to be more variable than the "spring" zooplankton.

The interannual variability and decadal trends in primary and secondary production from 1958-1998 are shown in Figures 14-18.

Although the decadal trends in primary and zooplankton production are broadly similar, there are some important differences. Primary production was low in the 1960s, increased in the 1970s and 1980s, peaked in the early 1990s, and then declined slightly in the mid-to-late-1990s. Total zooplankton production and "spring" zooplankton production declined in the 1960s, was low in the 1970s, and then increased in the 1980s and 1990s. Copepod and euphausiid production declined in the 1960s and 1970s, increased in the 1980s, peaked in the early 1990s, and then declined slightly in the mid-to-late-1990s.

Relationships between Ocean Climate Variables and Lower Trophic Level Production

Over the length of the 41-year time series, the annual net primary production was most highly correlated with the average upwelling wind speed during the production season (Fig. 19; $r^2 = 0.58$; $p < 0.001$). This is expected given the importance of upwelling in supplying new nitrogen to the photic zone, particularly in the summer. However, the moderate value of r^2 indicates that many other factors like sunlight, wind mixing, and zooplankton grazing are also important. Primary production was weakly negatively correlated with the average sea surface temperature during the production season ($r^2 = -0.01$).

The annual production of the combined zooplankton was most highly correlated with the net primary production (Fig. 20; $r^2 = 0.76$), and with the average upwelling wind speed ($r^2 = 0.38$).

Surprisingly, the production of the "spring" zooplankton was most highly correlated with the average sea surface temperature (Fig. 21; $r^2 = 0.63$; $p < 0.0001$). The correlation with the annual net primary production was much weaker ($r^2 = 0.09$). The production of the "spring" zooplankton was uncorrelated with copepod production ($r^2 \approx 0$) or euphausiid production ($r^2 \approx 0$).

In the model, the copepod component primarily represents the medium and small-sized copepod species that are most abundant during summer in the Queen Charlotte Sound region. It is not surprising that copepod production in the model was most highly correlated with net primary production ($r^2 = 0.62$), and also with average upwelling wind speed ($r^2 = 0.29$) which is the principal physical factor that forces primary production in the summer.

Euphausiid production was most highly correlated with net primary production ($r^2 = 0.76$) and the average upwelling wind speed ($r^2 = 0.37$). In the model, the annual production of euphausiids was also highly correlated with the annual production of copepods ($r^2 = 0.92$).

With respect to the efficiency with which the zooplankton convert primary production into zooplankton production, the model suggests that the ecological efficiency increases significantly with SST (Fig. 22; $r^2 = 0.42$; $p < 0.0001$). This occurs in the model because the grazing rates of the zooplankton increase exponentially with temperature. Consequently, zooplankton become more efficient phytoplankton grazers at higher temperatures.

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Table 1. March-November means and interannual variability in the climate time series between 1958-1998 (41 years).

Variable	Mean	Range	Coefficient of Variation
Sea surface temperature (°C)	11.24	2.22	0.043
Hours of sunlight (hrs$\cdot$day^{-1})	4.72	3.18	0.116
Alongshore wind speed (m$\cdot$s^{-1})	5.38	1.23	0.051
Upwelling wind speed (m$\cdot$s^{-1})	2.01	2.42	0.255
Stability index (°C)	5.25	2.21	0.093
Mixing depth (m)	17.52	12.2	0.149

Table 2. Comparison of primary and zooplankton production (g C$\cdot$m$^{-2}\cdot$yr$^{-1)}$ estimated by different Models (Versions 434 and 436) and wind forcing time series (Buoy and Faucher datasets). Model versions which use the Buoy data are considered to provide better estimates.

Model	Primary Production (g C$\cdot$m$^{-2}\cdot$yr^{-1})	Zooplankton Production (g C$\cdot$m$^{-2}\cdot$yr^{-1})			
		"Spring" Zooplankton	Copepod	Euphausiid	Total Zooplankton
91BuoyColim434	190	18.8	5.4	11.0	35.2
91BuoyColim436	240	13.3	3.6	7.7	24.6
91FaucherColim436	293	10.7	4.6	11.1	26.4
92BuoyColim434	193	19.6	2.6	6.7	28.9
92BuoyColim436	222	13.7	2.7	7.1	23.4
92FaucherColim436	276	15.5	3.7	8.75	27.9
93BuoyColim434	207	18.7	3.5	11.5	33.7
93BuoyColim436	225	11.2	2.3	7.6	21.0
93FaucherColim436	242	13.7	2.4	7.1	23.2
94BuoyColim434	154	18.1	1.9	3.2	23.3
94BuoyColim436	172	14.3	1.5	2.5	18.3
94FaucherColim436	201	16.1	1.7	3.4	21.2
95BuoyColim434	176	23.3	3.6	5.5	32.4
95BuoyColim436	203	19.1	2.4	3.7	25.3
95FaucherColim436	264	16.7	5.3	10.3	32.5
96BuoyColim434	161	17.9	2.8	5.0	25.7
96BuoyColim436	184	13.8	2.1	3.7	19.6
96FaucherColim436	248	14.7	4.0	7.6	26.3
97BuoyColim434	170	22.8	3.0	4.6	30.4
97BuoyColim436	159	14.6	1.1	2.1	17.7
97FaucherColim436	218	17.5	2.6	6.6	26.7
98BuoyColim434	202	23.0	1.8	4.4	29.2
98BuoyColim436	190	23.9	1.8	5.0	30.1
98FaucherColim436	280	25.7	4.3	8.6	38.6

Table 3. Annual net primary production (g $C \cdot m^{-2} \cdot yr^{-1}$) correlation coefficients for the 1990s.

Model Version	Buoy_Colim434	Buoy_Colim436
Buoy_Colim434	1.00	.
Buoy_Colim436	0.68	1.00
Faucher_Colim436	0.64	0.73

Table 4. Annual zooplankton production (g $C \cdot m^{-2} \cdot yr^{-1}$) correlation coefficients for the 1990s.

	Buoy_Colim434	Buoy_Colim436
Buoy_Colim434	1.00	.
Buoy_Colim436	0.38	1.00
Faucher_Colim436	0.19	0.86

Table 5. Model estimates of the long-term means and variability in primary and zooplankton production (all in g $C \cdot m^{-2} \cdot yr^{-1}$) in the Hecate Strait-Queen Charlotte Sound region for 1958-1998.

Variable	Mean	Range	CV
Net primary production	223	151 - 374	0.22
Total zooplankton production	23.5	15.1 - 46.7	0.30
"Spring" zooplankton production	14.1	5.5 - 25.7	0.29
Copepod production	3.1	0.43 - 6.7	0.53
Euphausiid production	6.3	0.43 - 17.0	0.63
Zooplankton ecological efficiency	0.10	0.08 - 0.14	0.14

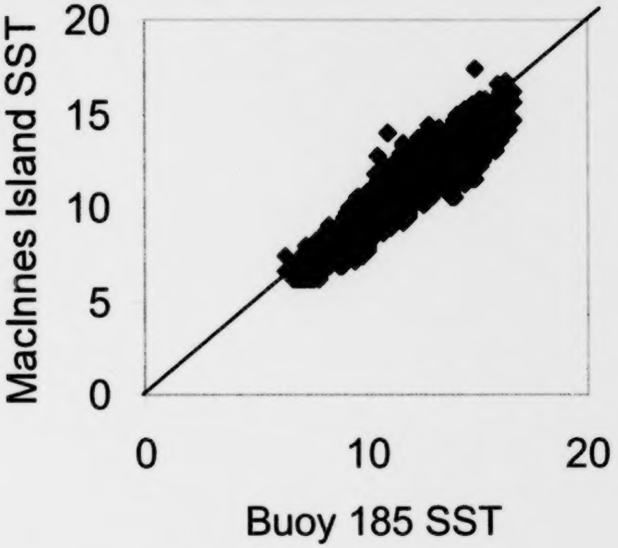

Figure 1. Uncorrected McInnes SST (°C) with respect to Buoy 185 SST (°C).

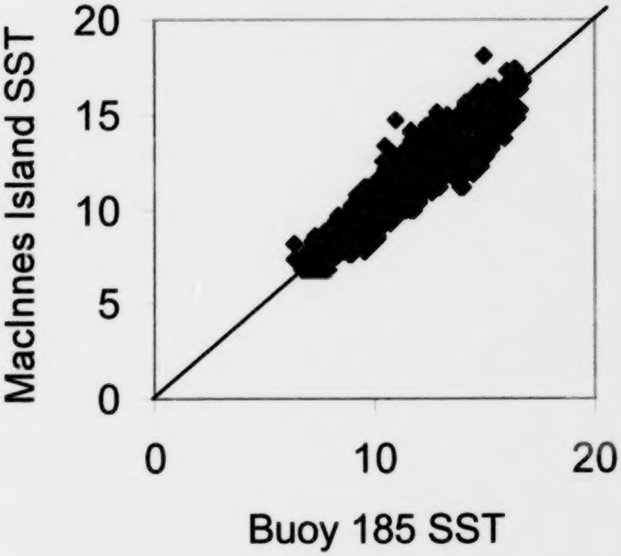

Figure 2. Corrected McInnes SST (°C) with respect to Buoy 185 SST (°C).

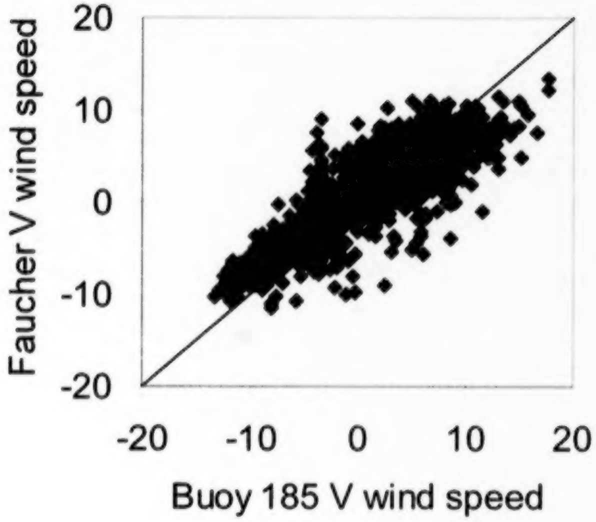

Figure 3. Daily Faucher V wind speed (m·s^{-1}) with respect to Buoy 185 V (m·s^{-1}) for 1992-1998.

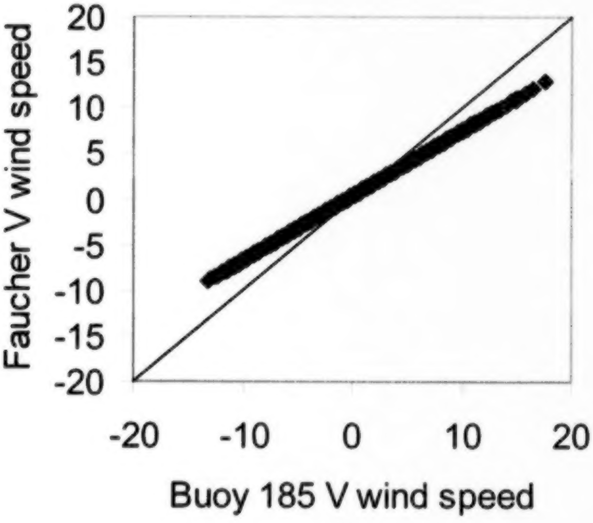

Figure 4. Mean Faucher V wind speed (m·s^{-1}) with respect to Buoy 185 V (m·s^{-1}) measured during 1992-1998.

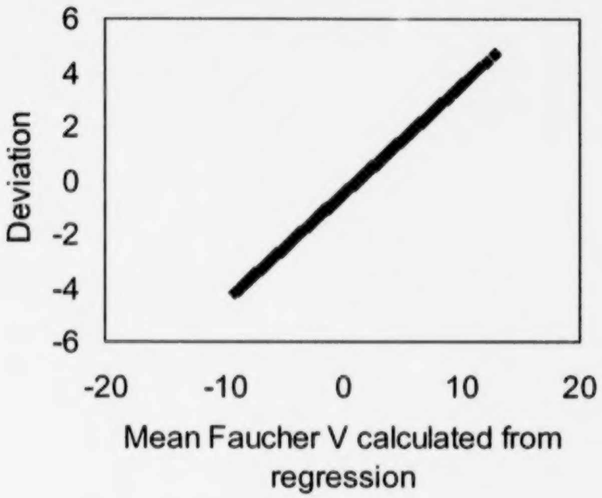

Figure 5. Deviation of mean daily Faucher V wind speed (m·s^{-1}) from mean daily Buoy 185 V wind speed (m·s^{-1}) measured during 1992-1998.

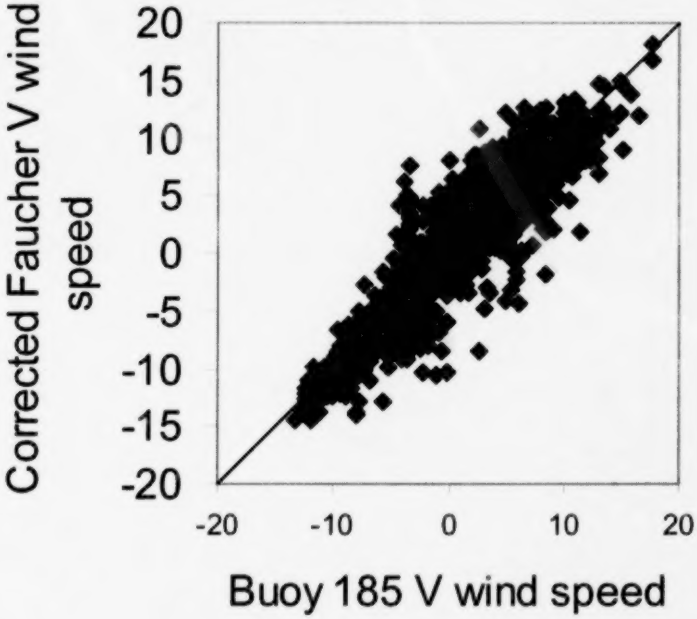

Figure 6. Corrected mean daily Faucher V wind speed (m·s^{-1}) with respect to mean daily V wind speed (m·s^{-1}) measured at Buoy 185 for 1992-1998.

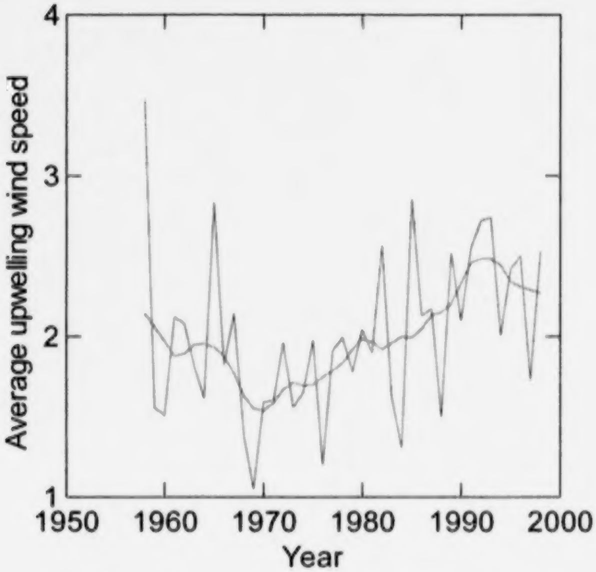

Figure 7. March-November average upwelling wind speed (m·s^{-1}) for 1958-1998 at Buoy 185.

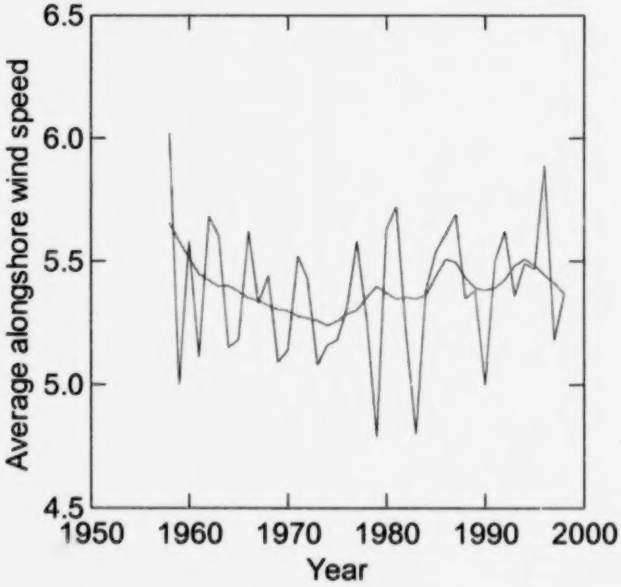

Figure 8. March-November average alongshore wind speed (m·s^{-1}) for 1958-1998 at Buoy 185.

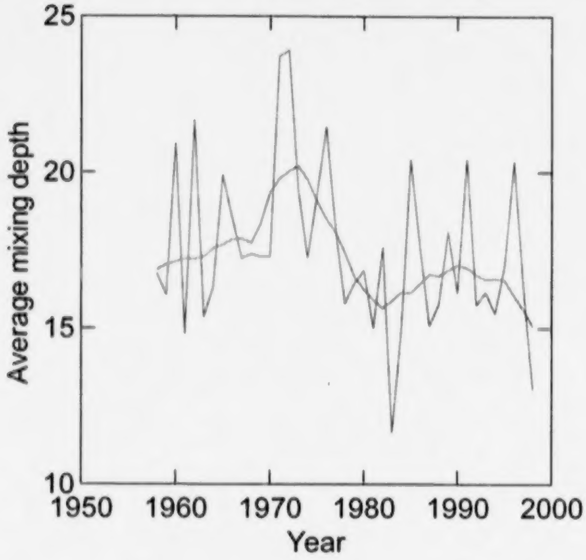

Figure 9. March-November average mixing depth (m) for 1958-1998 at Buoy 185.

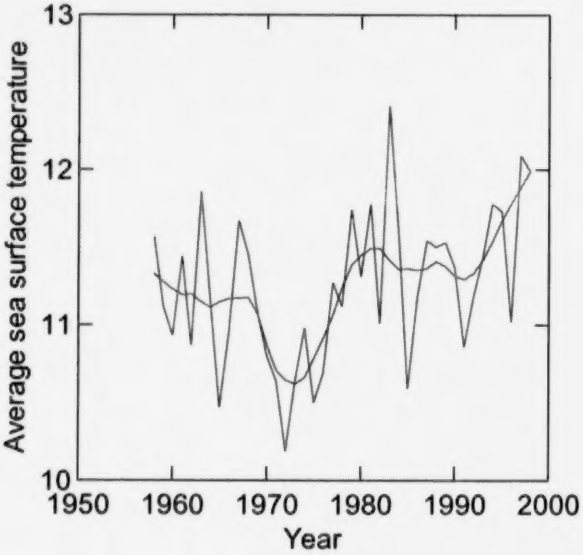

Figure 10. March-November average sea surface temperature (°C) from 1958-1998 at Buoy 185.

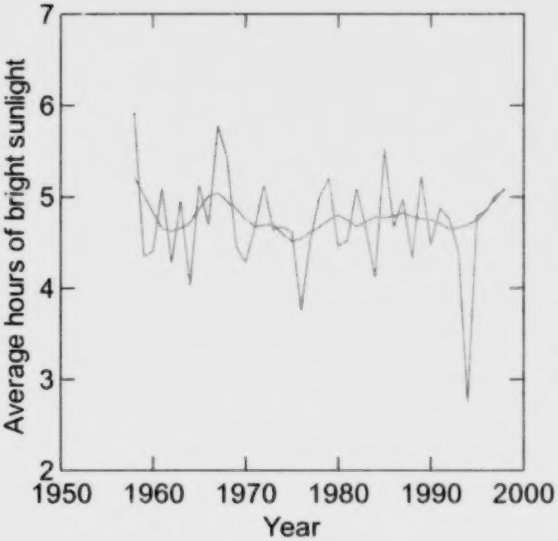

Figure 11. March-November average hours of bright sunlight per day from 1958-1998 at Buoy 185.

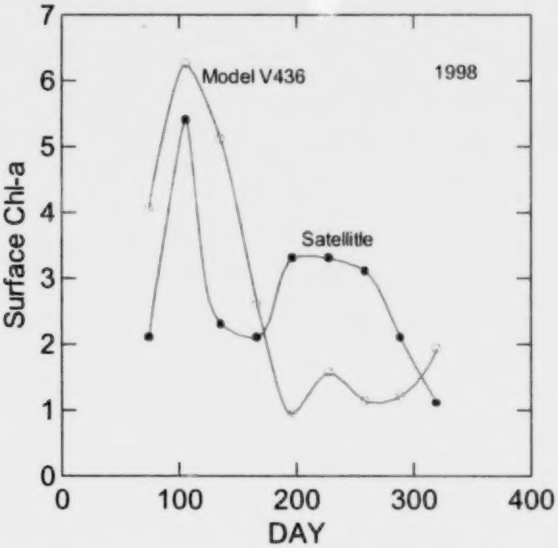

Figure 12. Monthly mean surface chl *a* concentration (mg·m^{-3}) estimated by the model and measured by the SeaWiFS satellite in the Hecate Strait region in 1998. The model estimates the mean chl *a* in the photic zone. We assumed that the surface chl *a* concentration was 0.25*mean chl *a*.

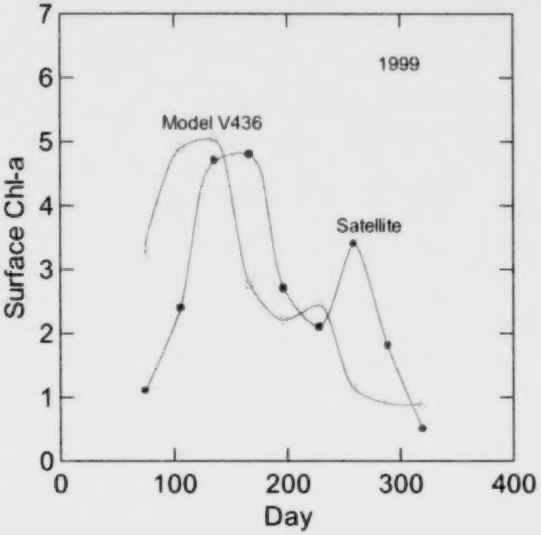

Figure 13. Monthly mean surface chl *a* concentration (mg·m^{-3}) estimated by the model and measured by the SeaWiFS satellite in the Hecate Strait region in 1999. The model estimates the mean chl *a* in the photic zone. We assumed that the surface chl *a* concentration was 0.20*mean chl *a*.

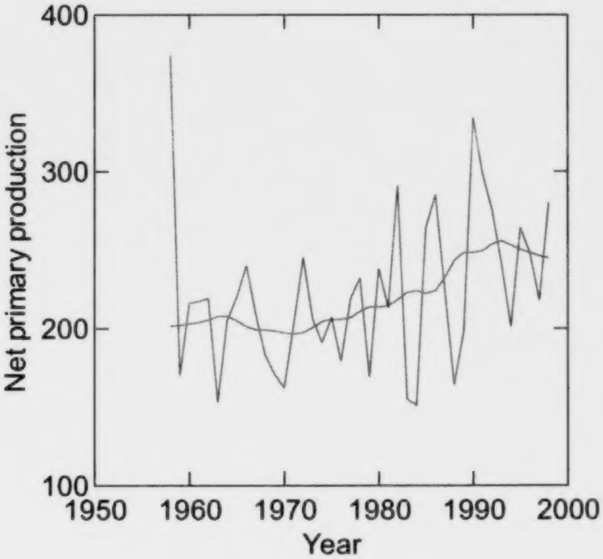

Figure 14. Net primary production (g C·m^{-2}·yr^{-1}) time series.

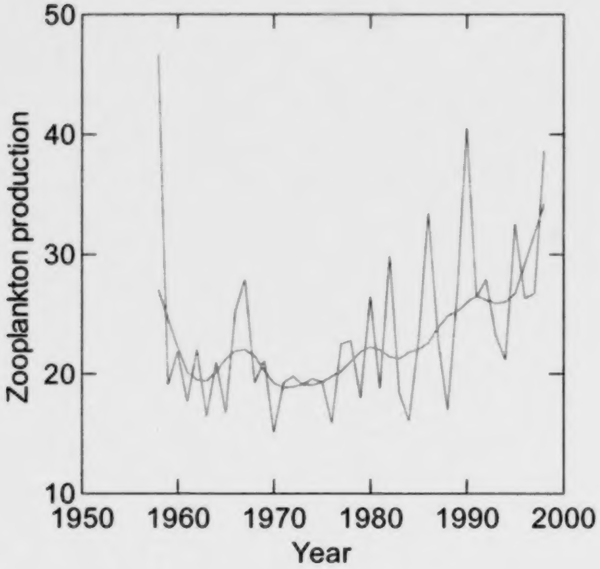

Figure 15. Total zooplankton production (g C·m^{-2}·yr^{-1}) time series.

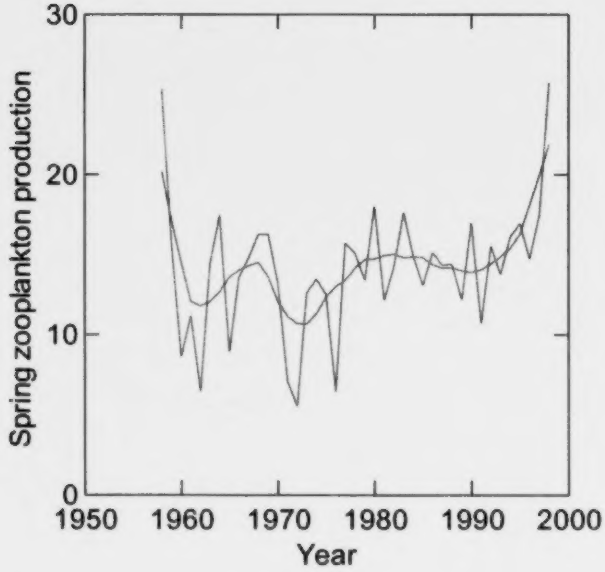

Figure 16. "Spring" zooplankton production (g C·m^{-2}·yr^{-1}) time series.

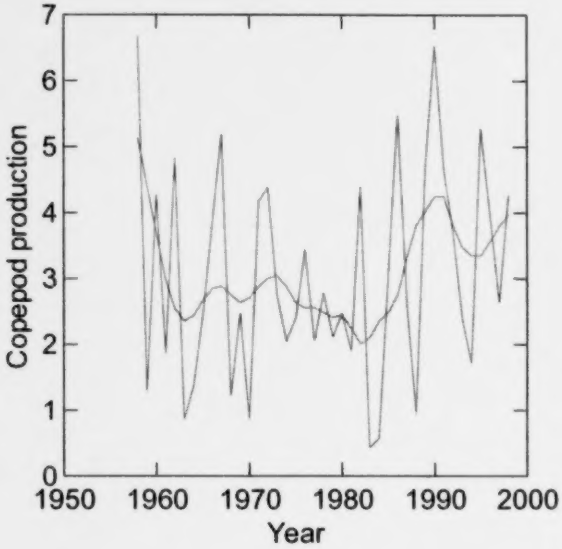

Figure 17. Copepod production (g C·m^{-2}·yr^{-1}) time series.

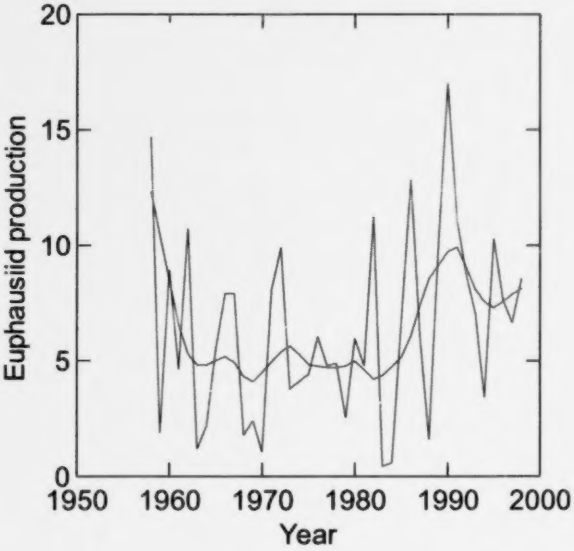

Figure 18. Euphausiid production (g C·m^{-2}·yr^{-1}) time series.

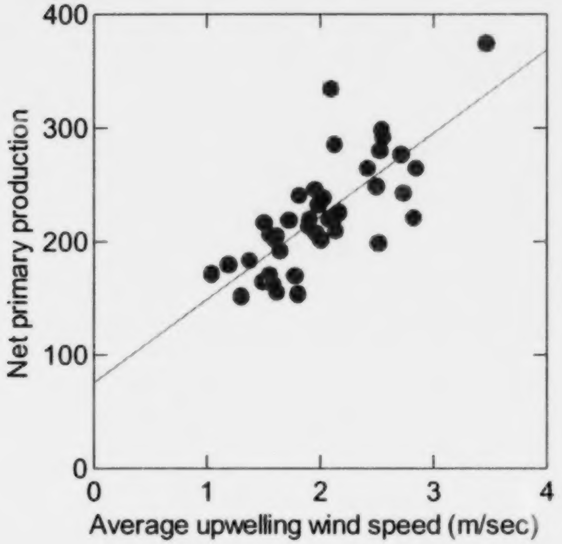

Figure 19. Relationship between net primary production (g C·m^{-2}·yr^{-1}) and upwelling wind speed (m·s^{-1}).

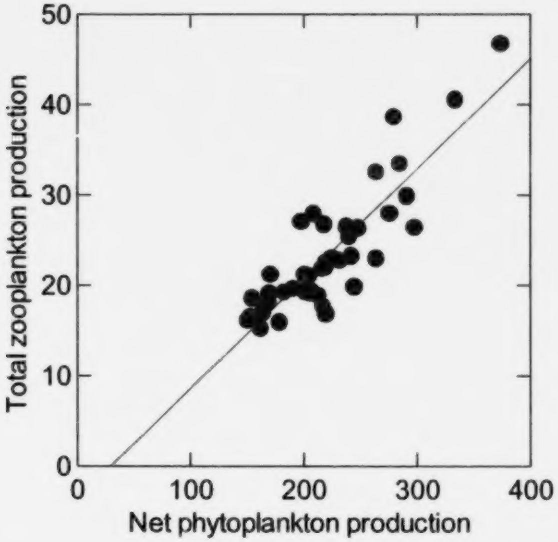

Figure 20. Relationship between net primary production (g C·m^{-2}·yr^{-1}) and total zooplankton production (g C·m^{-2}·yr^{-1}).

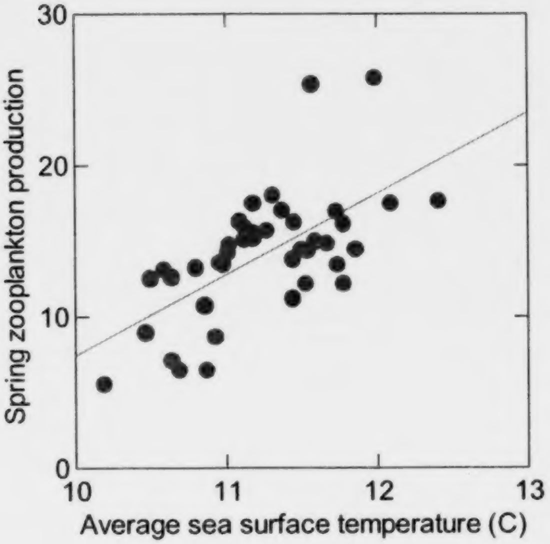

Figure 21. Relationship between average SST (°C) and annual production (g $C{\cdot}m^{-2}{\cdot}yr^{-1}$) of the "spring" zooplankton.

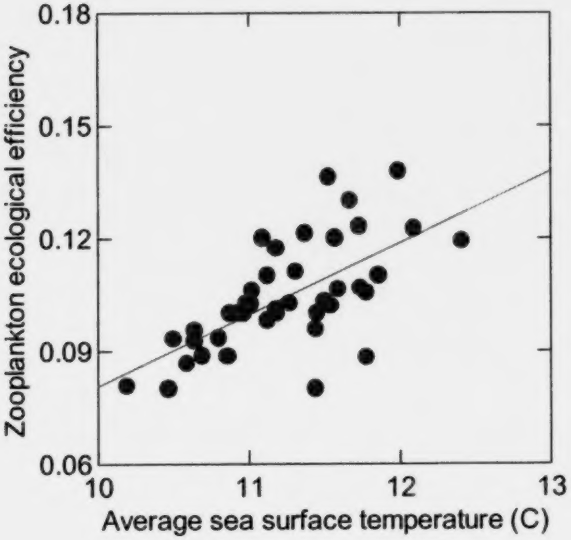

Figure 22. Relationship between zooplankton ecological efficiency and the average SST (°C).

Appendix A: Seasonal Averages of Climate Data

Table A1. Seasonal averages of climate data [March 1 (Day 60) to Nov. 30 (Day 335)] around Buoy 46185 (in northern Queen Charlotte Sound) and Model *Colim436* lower trophic level production estimates for 1958 to 1959. Appendix B explains the functional groups derived from IOS zooplankton data. Appendix C documents the model conversion factors that were used.

Average	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
SST (°C)									11.57	11.12
Sunlight (hrs)									5.92	4.35
A-Wind (m·s^{-1})									6.02	5.00
Upwelling-Wind (m·s^{-1})									3.47	1.56
Delta-SST (°C)									5.57	5.12
Mixing depth (m)									16.76	16.07
Photic Depth (m)									22.4	29.5
f-ratio									0.76	0.83
Sedimentation /Net PP									0.25	0.26
Phytoplankton										
Net production (g C·m^{-2}·yr^{-1})									374	170
Mean B (g C·m^{-2})									16.64	11.71
P/B$_{net}$ (yr^{-1})									***22***	***15***
"Spring" Zooplankton										
Production (g C·m^{-2}·yr^{-1})									25.31	15.9
B (g C·m^{-2})									1.09	0.86
P/B (yr^{-1})									***23***	***18***
Copepods										
Production (g C·m^{-2}·yr^{-1})									6.67	1.30
B (g C·m^{-2})									0.202	0.062
P/B (yr^{-1})									***33***	***21***
Euphausiids										
Production(g C·m^{-2}·yr^{-1})									14.69	1.89
B (g C·m^{-2})									0.610	0.086
P/B (yr^{-1})									***24***	***22***
Total Zooplankton										
Production (g C·m^{-2}·yr^{-1})									46.67	19.09
Ecological Efficiency									***0.12***	***0.11***

Table A2. Seasonal averages of climate data [March 1 (Day 60) to Nov. 30 (Day 335)] around Buoy 46185 (in northern Queen Charlotte Sound) and Model *Colim436* lower trophic level production estimates for 1960 to 1969. Appendix B explains the functional groups derived from IOS zooplankton data. Appendix C documents the model conversion factors that were used.

Average	**1960**	**1961**	**1962**	**1963**	**1964**	**1965**	**1966**	**1967**	**1968**	**1969**
SST (°C)	10.93	11.44	10.87	11.86	11.18	10.47	10.96	11.67	11.45	11.09
Sunlight (hrs)	4.40	5.09	4.28	4.95	4.03	5.13	4.69	5.77	5.43	4.45
A-Wind (m·s^{-1})	5.58	5.11	5.68	5.60	5.15	5.18	5.62	5.33	5.44	5.09
Upwelling-Wind (m·s^{-1})	1.51	2.12	2.08	1.81	1.62	2.83	1.82	2.14	1.38	1.05
Delta-SST (°C)	4.94	5.44	4.87	5.86	5.19	4.47	4.96	5.67	5.46	5.09
Mixing depth (m)	20.91	14.84	21.66	15.37	16.30	19.9	18.55	17.25	17.37	17.29
Photic Depth (m)	25.5	26.9	22.9	31.8	27.9	24.2	25.2	26.7	30.4	29.7
f-ratio	0.84	0.85	0.87	0.84	0.85	0.91	0.82	0.81	0.85	0.82
Sedimentation /Net PP	0.34	0.33	0.40	0.32	0.33	0.40	0.31	0.33	0.31	0.32
Phytoplankton										
Net production (g C·m^{-2}·yr^{-1})	216	217	219	153	205	220	240	209	183	171
Mean B (g C·m^{-2})	13.31	11.51	15.37	10.30	12.97	13.79	13.6	14.55	11.55	12.77
P/B$_{net}$ (yr^{-1})	***16***	***19***	***14***	***15***	***16***	***16***	***18***	***14***	***16***	***13***
"Spring" Zooplankton										
Production (g C·m^{-2}·yr^{-1})	8.64	11.16	6.46	14.40	17.44	8.91	13.56	14.79	16.23	16.24
B (g C·m^{-2})	0.44	0.68	0.33	0.87	0.90	0.46	0.67	0.68	0.88	0.79
P/B (yr^{-1})	***20***	***16***	***20***	***17***	***19***	***19***	***20***	***22***	***16***	***21***
Copepods										
Production (g C·m^{-2}·yr^{-1})	4.28	1.86	4.83	0.86	1.37	2.44	3.83	5.18	1.22	2.47
B (g C·m^{-2})	0.144	0.070	0.155	0.047	0.064	0.092	0.128	0.159	0.060	0.100
P/B (yr^{-1})	***30***	***27***	***31***	***18***	***21***	***27***	***30***	***33***	***20***	***25***
Euphausiids										
Production(g C·m^{-2}·yr^{-1})	8.93	4.65	10.72	1.18	2.18	5.45	7.91	7.90	1.79	2.41
B (g C·m^{-2})	0.361	0.170	0.419	0.053	0.096	0.214	0.322	0.368	0.083	0.128
P/B (yr^{-1})	***25***	***27***	***26***	***22***	***23***	***26***	***24***	***21***	***22***	***19***
Total Zooplankton										
Production (g C·m^{-2}·yr^{-1})	21.85	17.67	22.01	16.44	20.99	16.80	25.30	27.87	19.24	21.12
Ecological Efficiency	***0.10***	***0.08***	***0.10***	***0.11***	***0.10***	***0.08***	***0.10***	***0.13***	***0.10***	***0.12***

Table A3. Seasonal averages of climate data [March 1 (Day 60) to Nov. 30 (Day 335)] around Buoy 46185 (in northern Queen Charlotte Sound) and Model *Colim436* lower trophic level production estimates for 1970 to 1979. Appendix B explains the functional groups derived from IOS zooplankton data. Appendix C documents the model conversion factors that were used.

Average	**1970**	**1971**	**1972**	**1973**	**1974**	**1975**	**1976**	**1977**	**1978**	**1979**
SST (°C)	10.80	10.64	10.19	10.64	10.98	10.50	10.69	11.27	11.12	11.74
Sunlight (hrs)	4.28	4.66	5.12	4.64	4.67	4.61	3.76	4.52	5.00	5.20
A-Wind ($m \cdot s^{-1}$)	5.14	5.52	5.43	5.08	5.16	5.18	5.31	5.58	5.26	4.79
Upwelling-Wind ($m \cdot s^{-1}$)	1.59	1.60	1.96	1.56	1.65	1.97	1.20	1.91	1.99	1.78
Delta-SST (°C)	4.80	4.64	4.19	4.64	4.98	4.50	4.70	5.26	5.12	5.74
Mixing depth (m)	17.3	23.7	23.9	19.45	17.26	19.27	21.45	18.09	15.80	16.45
Photic Depth (m)	30.2	24.7	21.7	26.9	28.1	25.8	24.7	27.7	26.7	30.1
f-ratio	0.89	0.88	0.89	0.88	0.85	0.86	0.89	0.86	0.82	0.87
Sedimentation /Net PP	0.33	0.39	0.41	0.32	0.32	0.34	0.40	0.30	0.27	0.36
Phytoplankton										
Net production ($g\ C \cdot m^{-2} \cdot yr^{-1}$)	162	202	245	206	191	207	179	219	232	169
Mean B ($g\ C \cdot m^{-2}$)	10.72	13.88	15.17	12.56	12.05	13.16	12.92	12.24	12.23	12.55
P/B_{net} (yr^{-1})	***15***	***15***	***16***	***16***	***16***	***16***	***14***	***18***	***19***	***13***
"Spring" Zooplankton										
Production ($g\ C \cdot m^{-2} \cdot yr^{-1}$)	13.20	7.06	5.53	12.59	13.43	12.49	6.42	15.68	15.09	13.39
B ($g\ C \cdot m^{-2}$)	0.77	0.37	0.29	0.64	0.72	0.64	0.34	0.83	0.80	0.68
P/B (yr^{-1})	***17***	***19***	***19***	***20***	***19***	***20***	***19***	***19***	***19***	***20***
Copepods										
Production ($g\ C \cdot m^{-2} \cdot yr^{-1}$)	0.87	4.17	4.38	2.74	2.05	2.40	3.43	2.05	2.78	2.11
B ($g\ C \cdot m^{-2}$)	0.048	0.136	0.144	0.102	0.082	0.092	0.118	0.080	0.099	0.086
P/B (yr^{-1})	***18***	***31***	***30***	***27***	***25***	***26***	***29***	***26***	***28***	***25***
Euphausiids										
Production($g\ C \cdot m^{-2} \cdot yr^{-1}$)	1.06	8.05	9.89	3.77	4.10	4.41	6.03	4.76	4.89	2.53
B ($g\ C \cdot m^{-2}$)	0.049	0.336	0.379	0.174	0.169	0.182	0.252	0.192	0.203	0.128
P/B (yr^{-1})	***22***	***24***	***26***	***22***	***24***	***24***	***24***	***25***	***24***	***20***
Total Zooplankton										
Production ($g\ C \cdot m^{-2} \cdot yr^{-1}$)	15.13	19.28	19.80	19.10	19.58	19.30	15.88	22.49	22.76	18.03
Ecological Efficiency	***0.09***	***0.10***	***0.08***	***0.09***	***0.10***	***0.09***	***0.09***	***0.10***	***0.10***	***0.11***

Table A4. Seasonal averages of climate data [March 1 (Day 60) to Nov. 30 (Day 335)] around Buoy 46185 (in northern Queen Charlotte Sound) and Model *Colim436* lower trophic level production estimates for 1980 to 1989. Appendix B explains the functional groups derived from IOS zooplankton data. Appendix C documents the model conversion factors that were used.

Average	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
SST (°C)	11.31	11.78	11.01	12.41	11.59	10.59	11.18	11.54	11.50	11.53
Sunlight (hrs)	4.46	4.52	5.09	4.65	4.12	5.51	4.67	4.97	4.33	5.22
A-Wind ($m \cdot s^{-1}$)	5.63	5.72	5.20	4.80	5.38	5.54	5.61	5.69	5.35	5.38
Upwelling-Wind ($m \cdot s^{-1}$)	2.04	1.90	2.56	1.62	1.31	2.85	2.13	2.17	1.50	2.52
Delta-SST (°C)	5.31	5.78	5.01	6.40	5.59	4.59	5.18	5.53	5.50	5.53
Mixing depth (m)	16.85	15.01	17.58	11.66	14.91	20.41	17.53	15.08	15.78	18.10
Photic Depth (m)	27.2	27.1	23.1	33.1	32.2	23.6	21.4	27.6	29.8	27.7
f-ratio	0.82	0.84	0.81	0.79	0.85	0.87	0.77	0.82	0.86	0.85
Sedimentation /Net PP	0.27	0.33	0.30	0.27	0.30	0.33	0.27	0.27	0.33	0.30
Phytoplankton										
Net production ($g\ C \cdot m^{-2} \cdot yr^{-1}$)	238	213	291	155	151	264	285	225	164	198
Mean B ($g\ C \cdot m^{-2}$)	12.13	12.49	14.48	9.27	9.85	13.81	16.73	11.23	11.06	16.15
P/B_{net} (yr^{-1})	***20***	***17***	***20***	***17***	***15***	***19***	***17***	**20**	**15**	**12**
"Spring" Zooplankton										
Production ($g\ C \cdot m^{-2} \cdot yr^{-1}$)	18.00	12.14	14.23	17.61	14.91	13.07	15.11	14.32	14.39	12.16
B ($g\ C \cdot m^{-2}$)	0.92	0.74	0.67	1.07	0.90	0.68	0.69	0.81	0.82	0.55
P/B (yr^{-1})	***20***	***16***	***21***	***16***	***17***	***19***	***22***	***18***	***18***	***22***
Copepods										
Production ($g\ C \cdot m^{-2} \cdot yr^{-1}$)	2.47	1.90	4.39	0.43	0.58	3.09	5.48	2.59	0.95	4.71
B ($g\ C \cdot m^{-2}$)	0.095	0.070	0.141	0.032	0.039	0.111	0.176	0.095	0.049	0.151
P/B (yr^{-1})	***26***	***27***	***31***	***13***	***15***	***28***	***31***	***27***	***19***	***31***
Euphausiids										
Production($g\ C \cdot m^{-2} \cdot yr^{-1}$)	5.96	4.77	11.22	0.43	0.58	6.75	12.84	6.04	1.61	10.11
B ($g\ C \cdot m^{-2}$)	0.24	0.17	0.44	0.022	0.029	0.259	0.492	0.229	0.065	0.451
P/B (yr^{-1})	***25***	***28***	***25***	***20***	***20***	***26***	***26***	***26***	***25***	***22***
Total Zooplankton										
Production ($g\ C \cdot m^{-2} \cdot yr^{-1}$)	26.43	18.81	29.84	18.47	16.07	22.91	33.43	22.95	16.95	26.98
Ecological Efficiency	***0.11***	***0.09***	***0.10***	***0.12***	***0.11***	***0.09***	***0.12***	***0.10***	***0.10***	***0.14***

Table A5. Seasonal averages of climate data [March 1 (Day 60) to Nov. 30 (Day 335)] around Buoy 46185 (in northern Queen Charlotte Sound) and Model *Colim436* lower trophic level production estimates for 1990 to 1998. Appendix B explains the functional groups derived from IOS zooplankton data. Appendix C documents the model conversion factors that were used.

Average	**1990**	**1991**	**1992**	**1993**	**1994**	**1995**	**1996**	**1997**	**1998**
SST (°C)	11.37	10.86	11.18	11.44	11.78	11.73	11.02	12.09	11.99
Sunlight (hrs)	4.48	4.87	4.76	4.39	2.74	4.79	4.84	5.01	5.07
A-Wind (m·s^{-1})	5.00	5.50	5.62	5.36	5.49	5.47	5.89	5.18	5.37
Upwelling-Wind (m·s^{-1})	2.10	2.55	2.72	2.74	2.01	2.42	2.50	1.73	2.53
Delta-SST (°C)	5.37	4.86	5.18	5.44	5.78	5.73	5.02	6.09	5.99
Mixing depth (m)	16.14	20.42	15.76	16.14	15.47	16.99	20.34	16.28	13.06
Photic Depth (m)	23.1	21.6	24.5	26.8	30.7	25.1	24.0	28.4	28.3
f-ratio	0.73	0.85	0.80	0.86	0.84	0.81	0.86	0.84	0.70
Sedimentation /Net PP	0.26	0.34	0.27	0.32	0.26	0.32	0.34	0.31	0.19
Phytoplankton									
Net production (g C·m^{-2}·yr^{-1})	334	293	276	242	201	264	248	218	280
Mean B (g C·m^{-2})	15.15	15.51	13.0	12.01	10.31	15.91	14.88	12.89	11.77
P/B$_{net}$ (yr^{-1})	***27***	***23***	***23***	***23***	***19***	***17***	***17***	**17**	**24**
"Spring" Zooplankton									
Production (g C·m^{-2}·yr^{-1})	16.97	10.71	15.50	13.75	16.09	16.92	14.74	17.47	25.75
B (g C·m^{-2})	0.76	0.51	0.80	0.74	0.91	0.75	0.70	0.82	1.22
P/B (yr^{-1})	***22***	***21***	***19***	***19***	***18***	***22***	***21***	***21***	***21***
Copepods									
Production (g C·m^{-2}·yr^{-1})	6.53	4.64	3.70	2.38	1.72	5.27	3.96	2.64	4.27
B (g C·m^{-2})	0.196	0.146	0.126	0.091	0.072	0.165	0.132	0.098	0.140
P/B (yr^{-1})	***33***	***32***	***29***	***26***	***24***	***32***	***30***	***27***	***30***
Euphausiids									
Production(g C·m^{-2}·yr^{-1})	17.0	11.08	8.75	7.05	3.41	10.27	7.61	6.64	8.57
B (g C·m^{-2})	0.69	0.43	0.33	0.26	0.14	0.45	0.32	0.29	0.37
P/B (yr^{-1})	***25***	***26***	***26***	***27***	***24***	***23***	***24***	***23***	***23***
Total Zooplankton									
Production (g C·m^{-2}·yr^{-1})	40.5	26.4	27.9	23.2	21.2	32.5	26.3	26.7	38.6
Ecological Efficiency	***0.12***	***0.09***	***0.10***	***0.10***	***0.11***	***0.12***	***0.11***	***0.12***	***0.14***

Appendix B: Seasonal Abundance Cycle of the Dominant Zooplankton

The zooplankton data were obtained from the Institute of Ocean Sciences (IOS) database. The IOS database recognizes 53 zooplankton groups. We reduced this number to 12 functional groups (Appendix Table B1).

The estimated biomass of each group was standardized to account for possible differences in day/night catches. For each of the 12 zooplankton groups we performed an ANOVA to test the hypothesis that the night and day mean biomasses were the same. To remove the effects of dusk and dawn we removed all of the samples collected between 05:00-07:00 and 20:00-22:00. We then did our ANOVA analysis on the remaining data and found no significant effect of diel migration *except* for the two euphausiid groups. For *Euphausia pacifica* we found that the night biomasses were 2.8 times higher than the day biomasses, and that night biomasses were 5.35 times greater for *Thysanoessa* species. So we added the dawn - dusk data back into the data set and applied the day correction (multiplied the day data by the correction factors) to the two euphausiids groups. Day was defined as 06:00-21:00 and night as 21:01-05:59. Day-night corrections were applied to the euphausiids and the ANOVA was rerun for the day-night data for all groups to be sure that the day and night mean biomasses were not different. None were. During this analysis it became apparent that the February mean for *Thysanoessa* was very large relative to the other means for that group. Further investigation revealed that this was due to a single very high count taken on Feb. 13, 2000 and perhaps reflected swarming. This count was one of five February samples in Queen Charlotte Sound. We decided to treat this sample as an extreme outlier and recalculated the *Thysanoessa* mean for that area and month with this sample removed.

To reduce the complexity of the model, we combined all the copepod species into a single functional group called "Copepods". Similarly, the euphausiid species were combined into a single functional group called "Euphausiids". To account for the remaining zooplankton we subtracted the monthly mean estimates of the copepod and euphausiid biomass from the total zooplankton biomass. By doing this we discovered that the biomass of the resulting species dominated the plankton community during the spring and early summer. Hence we refer to this group as the "spring" zooplankton.

Table B1 reference:

Mackas, D.L., and Galbraith, M. 1991. Zooplankton on the west coast of Vancouver Island: distribution and availability to marine birds. Pages 15-21. *In* The ecology, status, and conservation of marine shoreline birds on the west coast of Vancouver Island. Occasional Paper 75, Canadian Wildlife Service. Proceedings of a symposium sponsored by the Institute of Ocean Sciences, the Canadian Parks Service, and the Canadian Wildlife Service, held at IOS in Sydney, BC, 8 April 1991.

Table B1: Original (n = 53) IOS taxonomic categories with respect to individual weight ranges (after Mackas and Galbraith 1991) and subjective size classifications used for assignment to the 12 taxonomic groups (group names) used to summarize the data.

Group name	Taxonomic group	Weight(mg dw)
Small copepods	*Acartia clausi*	0.002-0.007
	Acartia danae	0.0015-0.005
	Acartia longiremis	0.002-0.007
	Aetideus	0.023-0.05
	Calocalanus	0.0005-0.003
	Centropages	0.005-0.03
	Clausocalanus	0.0025-0.008
	Corycaeus	0.001-0.005
	Ctenocalanus	0.004-0.012
	Mesocalanus tenuicornis	0.007-0.04
	Microcalanus	0.0015-0.0035
	Oithona spinirostris, O. atlantica	0.002-0.0035
	Oithona similis	0.0005-0.001
	Oncaea	0.002-0.004
	Paracalanus	0.0015-0.0065
	Pseudocalanus	0.0018-0.012
	Scolecithricella	0.0035-0.011
Medium Copepods	*Racovitzanus*	0.016-0.1
	Metridia pacifica	0.012-0.14
	Calanus pacificus	0.003-0.22
	Calanus marshallae	0.008-0.23
Large copepods	*Neocalanus plumchrus*	0.013-0.55
	Neocalanus cristatus	0.04-2.6
	Eucalanus bungii	0.008-0.68
	Eucalanus californicus	0.025-1.3
Chaetognatha general	Chaetognatha general	0.014-0.063
	Eukrohnia	0.18-1.4
	Sagitta decipiens, S elegans	0.1-1.0
	Sagitta scrippsae	0.18-6.5
Euphausia pacifica	Euphasiid eggs (not included in count)	
	Euphausiids (juvenile)	0.001-0.04
	Euphausia pacifica	0.65-8.5
Thysanoessa	*Thysanoessa inspinata*	0.9-10.0
	Thysanoessa spinifera	1.25-31.0
Amphipod	Amphipod *Themisto, Parathemisto*	0.75-3.7
	Amphipod *Primno*	0.32-40
Urochordates, Salps etc.	Urochordate Doliolids	0.2-1.2
	Urochordate larvae	0.01-0.2
	Urochordate Salps	7-130
Coelenterates	Coelenterates Hydrozoan medusae	0.5-60
	Coelenterates *Aurelia, Cyanea, Chrysaora*	200
	Coelenterates	0.2-15
	Ctenophores	0.9-6.9
Large items	Mollusc Pteropod *Clione*	0.5-3.5
	Polychaetes	0.04-3.5
Small items	Barnacle larvae *Cirripedia*	0.04
	Cladocera, *Evadne, Podon*	0.005
	Ostracod *Conchoecia*	0.1
	Cyphocaris	
	Mollusc Pteropod *Limacina*	0.1-1
	Mollusc Gastropoda	0.002
Remainder	Other	

Appendix C: Conversion Factors: Lower Trophic Level Model Output

- Raw model units of biomass are **mg C·m^{-3}**

- Model units are converted to **g C·m^{-2}** by multiplying mg C·m^{-3} by the depth of the euphotic zone (about 30 m) and dividing by 1000.

- To convert **g C·m^{-2}** to **tonnes(wet)·km^{-2}** we use the following ratios:

  - Phytoplankton (Various sources)
    Carbon/dry wt = 0.5
    Dry/wet wt = 0.15
    Thus, tonnes(wet)·km^{-2} = 1/(0.5*0.15) = **13.3** x **g C·m^{-2}**

  - Copepods and "Spring" Zooplankton (Omori 1969)
    Carbon/dry wt = 0.52
    Dry/wet wt = 0.216
    Thus, tonnes(wet)·km^{-2} = 1/(0.52*0.216) = **8.9** x **g C·m^{-2}**

  - Euphausiids (Various Sources)
    Carbon/dry wt = 0.43
    Dry/wet wt = 0.207
    Thus, tonnes(wet)·km^{-2} = 1/(0.43*0.207) = **11.2** x **g C·m^{-2}**

Reference:

Omori, M. 1969. Weight and chemical composition of some important oceanic zooplankton in the North Pacific Ocean. Mar. Biol. 3: 4-10.

Hecate Strait Plankton Sample Data

- raw units = **mg(dry)·m^{-3}**

- Note that **1 tonne·km^{-2} = 1 g·m^{-2}**

- The average haul depth for the plankton samples collected in Hecate Strait/Queen Charlotte Sound that we analyzed was **107 m**.

- To convert to **tonnes·km^{-2}**:

  Divide mg(dry)·m^{-3} by dry/wet ratio = 0.17
  Multiply by haul depth = 107 m
  Divide by 1000 to convert mg(wet) to g(wet)
  Answer has units of = g·m^{-2} or tonnes·km^{-2}

Example: 2.6 mg(dry)·m^{-3} = [(2.6/0.17) x 107 /1000] = 1.64 g·m^{-2} or tonnes·km^{-2}.
2.6 mg(dry)·m^{-3} = **0.6294***2.6 mg(dry)·m^{-3} = 1.64 g·m^{-2} or tonnes·km^{-2}.

Appendix D: Ocean Climate Data File Available via Download

Electronic versions of this report ("*TR2656 Hecate Retrospectives 1958-1998.pdf*") and the following Excel spreadsheet will soon be available by searching the Fisheries and Oceans Canada "Waves" library (http://inter01.dfo-mpo.gc.ca/waves2/search.html) online for this report. Once your search locates the report, choose "View Online" from the DFO Internet Copy near the bottom left of the web page to then select the files you wish to download.

File Name	Contents	Page #
Buoy185 ocean climate data.xls	Daily ocean climate data for 1991-2000 from Buoy 185, plus hours of sunlight reported from Port Hardy	6

Temp and wind from station [illegible]

Sun from Port Hardy

Missing data for sun is based on the means of all the other days in the data set [illegible]

Missing data for water temp is based on the means of all the other days in the data set [illegible]

Single days of missing data for water temp and wind are based on the average of preceeding and following days. Also true for

Missing blocks of data for wind are based on data from another station.

Data that I do not trust are marked with red

	c1	c2	c3	c4	c5	c6	c7	c8
		Water temp	Hours of sun	wind velocity along shore	A Wind	U Wind	Delta SST	Mixing depth
date	day of year	daily mean water temp based on mean of 24 hourly samples	daily sum of total number of hours of bright sunshine	daily mean along shore wind velocity (320 degrees true) based on mean of 24 hourly samples	Column c4 is transformed as the equivalent of c4 squared	Includes only negative entries from column c4. Zero means that wind was from SE	Calculated from c2 - 6 degrees	Calculated as [illegible]
1/1/1991	1	6.8583	0.8	-1.8973	1.8973	-1.8973	0.858	12.075
1/2/1991	2	6.7917	0.0	-0.9225	0.9225	-0.9225	0.792	5.083
1/3/1991	3	6.8458	0.4	-4.5885	4.5885	-4.5885	0.846	37.790
1/4/1991	4	6.6250	1.2	-3.7039	3.7039	-3.7039	0.625	35.857
1/5/1991	5	6.4261	2.8	-0.2443	0.2443	-0.2443	0.426	1.444
1/6/1991	6	6.4500	0.0	1.3124	1.3124	0.0000	0.450	11.947
1/7/1991	7	6.4542	0.0	-3.0151	3.0151	-3.0151	0.454	34.417
1/8/1991	8	6.1792	0.0	0.4958	0.4958	0.0000	0.179	6.633
1/9/1991	9	6.2833	0.0	-4.6017	4.6017	-4.6017	0.283	82.816
1/10/1991	10	6.1417	3.8	0.5071	0.5071	0.0000	0.142	8.071
1/11/1991	11	6.4000	0.0	9.6328	9.6328	0.0000	0.400	166.668
1/12/1991	12	6.6333	0.0	10.7216	10.7216	0.0000	0.633	137.084
1/13/1991	13	6.6750	0.0	4.3279	4.3279	0.0000	0.675	41.194
1/14/1991	14	6.6917	0.0	9.6492	9.6492	0.0000	0.692	112.975
1/15/1991	15	6.9333	0.3	3.0595	3.0595	0.0000	0.933	20.967
1/16/1991	16	7.0083	0.0	11.3233	11.3233	0.0000	1.008	105.933
1/17/1991	17	7.0833	0.0	10.0689	10.0689	0.0000	1.083	86.600
1/18/1991	18	6.9417	6.2	-4.9639	4.9639	-4.9639	0.942	38.709
1/19/1991	19	7.0250	5.5	-2.3505	2.3505	-2.3505	1.025	13.994
1/20/1991	20	6.8875	6.8	4.0090	4.0090	0.0000	0.888	30.710
1/21/1991	21	7.1500	1.8	3.2019	3.2019	0.0000	1.150	19.147
1/22/1991	22	6.9500	0.0	-5.8135	5.8135	-5.8135	0.950	47.088
1/23/1991	23	7.1417	2.4	-8.6049	8.6049	-8.6049	1.142	68.220
1/24/1991	24	6.9042	7.8	-7.7940	7.7940	-7.7940	0.904	70.992
1/25/1991	25	6.8125	6.2	-4.0690	4.0690	-4.0690	0.813	33.347
1/26/1991	26	6.7292	5.0	-5.6934	5.6934	-5.6934	0.729	55.378
1/27/1991	27	6.3125	0.5	-0.0315	0.0315	-0.0315	0.313	0.131
1/28/1991	28	6.1292	5.8	-3.4778	3.4778	-3.4778	0.129	101.398

Temp and wind from station 185
Sun from Port Hardey

Missing data for sun is based on the means of all the other days in the data set (i.e. if April is missing I would average of each A
Missing data for water temp is based on the means of all the other days in the data set (i.e. if April is missing I would average ea
Single days of missing data for water temp and wind are based on the average of preceeding and following days. Also used for
Missing blocks of data for wind are based on data from another station

[redacted]

	c1	c2	c3	c4	c5	c6	c7	c8
		Water temp	Hours of sun	Wind velocity along shore	A Wind	U Wind	Delta SST	Mixing depth
date	day of year	daily mean water temp based on mean of 24 hourly samples	daily sum of total number of hours of bright sunshine	daily mean along shore wind velocity (320 degrees true) based on mean of 24 hourly samples	Column c4 is transformed as the squareroot of c4 squared	Includes only negative entries from column c4. Zero means that wind was from SE	Calculated from c2 - 6 degrees	Calculated as (4.77*c7 ^-0.714) *c5^1.28
1/1/1991	1	6.8583	0.8	-1.8973	1.8973	-1.8973	0.858	12.075
1/2/1991	2	6.7917	0.0	-0.9225	0.9225	-0.9225	0.792	5.083
1/3/1991	3	6.8458	6.4	-4.5885	4.5885	-4.5885	0.846	37.790
1/4/1991	4	6.6250	1.2	-3.7039	3.7039	-3.7039	0.625	35.657
1/5/1991	5	6.4261	2.9	-0.2443	0.2443	-0.2443	0.426	1.444
1/6/1991	6	6.4500	0.0	1.3124	1.3124	0.0000	0.450	11.947
1/7/1991	7	6.4542	0.0	-3.0151	3.0151	-3.0151	0.454	34.417
1/8/1991	8	6.1792	0.0	0.4958	0.4958	0.0000	0.179	6.633
1/9/1991	9	6.2833	0.0	-4.6017	4.6017	-4.6017	0.283	82.816
1/10/1991	10	6.1417	3.8	0.5071	0.5071	0.0000	0.142	8.073
1/11/1991	11	6.4000	0.0	9.6328	9.6328	0.0000	0.400	166.668
1/12/1991	12	6.6333	0.0	10.7216	10.7216	0.0000	0.633	137.684
1/13/1991	13	6.6750	0.0	4.3279	4.3279	0.0000	0.675	41.194
1/14/1991	14	6.6917	0.0	9.6492	9.6492	0.0000	0.692	112.975
1/15/1991	15	6.9333	0.3	3.0595	3.0595	0.0000	0.933	20.967
1/16/1991	16	7.0083	0.0	11.3233	11.3233	0.0000	1.008	105.933
1/17/1991	17	7.0833	0.0	10.0689	10.0689	0.0000	1.083	86.600
1/18/1991	18	6.9417	6.2	-4.9639	4.9639	-4.9639	0.942	38.709
1/19/1991	19	7.0250	5.5	-2.3505	2.3505	-2.3505	1.025	13.994
1/20/1991	20	6.8875	6.8	4.0090	4.0090	0.0000	0.888	30.719
1/21/1991	21	7.1500	1.8	3.2019	3.2019	0.0000	1.150	19.147
1/22/1991	22	6.9500	0.0	-5.8135	5.8135	-5.8135	0.950	47.088
1/23/1991	23	7.1417	2.4	-8.6049	8.6049	-8.6049	1.142	68.220
1/24/1991	24	6.9042	7.8	-7.7940	7.7940	-7.7940	0.904	70.992
1/25/1991	25	6.8125	6.2	-4.0690	4.0690	-4.0690	0.813	33.347
1/26/1991	26	6.7292	5.0	-5.6934	5.6934	-5.6934	0.729	55.378
1/27/1991	27	6.3125	0.5	-0.0315	0.0315	-0.0315	0.313	0.131
1/28/1991	28	6.1292	5.8	-3.4778	3.4778	-3.4778	0.129	101.398

1/29/1991	29	6.0542	0.0	3.9447	3.9447	0.0000	0.054	221.579
1/30/1991	30	6.5292	0.0	7.5288	7.5288	0.0000	0.529	99.559
1/31/1991	31	6.6917	0.0	14.2981	14.2981	0.0000	0.692	186.890
2/1/1991	32	6.9083	0.0	12.1916	12.1916	0.0000	0.908	125.455
2/2/1991	33	7.0000	0.0	7.8385	7.8385	0.0000	1.000	66.548
2/3/1991	34	7.0208	0.0	4.1542	4.1542	0.0000	1.021	29.093
2/4/1991	35	7.1750	0.0	9.5087	9.5087	0.0000	1.175	75.946
2/5/1991	36	7.0583	0.0	6.9153	6.9153	0.0000	1.058	54.438
2/6/1991	37	7.0000	0.0	16.7027	16.7027	0.0000	1.000	175.261
2/7/1991	38	6.9667	1.0	-2.9137	2.9137	-2.9137	0.967	19.210
2/8/1991	39	7.1250	0.0	-3.5038	3.5038	-3.5038	1.125	21.828
2/9/1991	40	7.1500	0.1	6.2438	6.2438	0.0000	1.150	45.015
2/10/1991	41	7.2875	0.0	9.1662	9.1662	0.0000	1.288	67.883
2/11/1991	42	7.3083	0.0	4.2771	4.2771	0.0000	1.308	25.296
2/12/1991	43	7.4083	0.4	5.5287	5.5287	0.0000	1.408	33.335
2/13/1991	44	7.3750	0.0	8.6170	8.6170	0.0000	1.375	59.845
2/14/1991	45	7.2000	0.0	10.0315	10.0315	0.0000	1.200	80.118
2/15/1991	46	7.5542	0.1	5.0939	5.0939	0.0000	1.554	27.978
2/16/1991	47	7.5833	0.1	2.8795	2.8795	0.0000	1.583	13.303
2/17/1991	48	7.5333	2.2	-2.1542	2.1542	-2.1542	1.533	9.388
2/18/1991	49	7.5833	0.0	11.0609	11.0609	0.0000	1.583	74.486
2/19/1991	50	7.5917	0.1	4.9233	4.9233	0.0000	1.592	26.332
2/20/1991	51	7.5167	1.0	0.9878	0.9878	0.0000	1.517	3.488
2/21/1991	52	7.4500	0.0	4.8716	4.8716	0.0000	1.450	27.767
2/22/1991	53	7.3083	1.4	3.0831	3.0831	0.0000	1.308	16.637
2/23/1991	54	7.5083	2.0	2.1830	2.1830	0.0000	1.508	9.662
2/24/1991	55	7.4792	6.0	-0.2498	0.2498	-0.2498	1.479	0.611
2/25/1991	56	7.4250	8.7	-3.9156	3.9156	-3.9156	1.425	21.255
2/26/1991	57	7.5958	9.0	-3.7967	3.7967	-3.7967	1.596	18.846
2/27/1991	58	7.6625	10.4	-3.2808	3.2808	-3.2808	1.663	15.183
2/28/1991	59	7.6792	7.4	-3.7240	3.7240	-3.7240	1.679	17.729
3/1/1991	60	7.3583	0.0	-2.1305	2.1305	-2.1305	1.358	10.093
3/2/1991	61	7.0391	0.0	-0.1754	0.1754	-0.1754	1.039	0.500
3/3/1991	62	6.8042	1.4	2.6585	2.6585	0.0000	0.804	19.482
3/4/1991	63	6.8417	8.9	-4.9355	4.9355	-4.9355	0.842	41.633
3/5/1991	64	7.0500	0.0	-2.2999	2.2999	-2.2999	1.050	13.378
3/6/1991	65	7.1958	7.9	-4.3498	4.3498	-4.3498	1.196	27.561
3/7/1991	66	7.1783	5.1	-3.6559	3.6559	-3.6559	1.178	22.299
3/8/1991	67	7.1542	0.3	4.8648	4.8648	0.0000	1.154	32.621
3/9/1991	68	6.9958	0.9	-1.4143	1.4143	-1.4143	0.996	7.456
3/10/1991	69	6.7667	3.5	-1.1456	1.1456	-1.1456	0.767	6.862
3/11/1991	70	6.9500	0.0	1.7588	1.7588	0.0000	0.950	10.193
3/12/1991	71	6.9292	2.4	-8.3863	8.3863	-8.3863	0.929	76.467
3/13/1991	72	6.7000	4.1	1.5516	1.5516	0.0000	0.700	10.797
3/14/1991	73	6.9391	6.8	2.7819	2.7819	0.0000	0.939	18.482
3/15/1991	74	6.7917	3.1	1.6353	1.6353	0.0000	0.792	10.577
3/16/1991	75	6.8522	3.5	9.4362	9.4362	0.0000	0.852	94.593
3/17/1991	76	7.1042	9.6	-2.3985	2.3985	-2.3985	1.104	13.618
3/18/1991	77	7.2958	10.0	2.0074	2.0074	0.0000	1.296	9.673
3/19/1991	78	7.1125	0.9	2.8204	2.8204	0.0000	1.113	16.667
3/20/1991	79	6.9318	0.2	-6.6211	6.6211	-6.6211	0.932	56.390
3/21/1991	80	6.9750	2.2	-7.8269	7.8269	-7.8269	0.975	67.634

3/22/1991	81	6.9167	5.0	1.7753	1.7753	0.0000	0.917	10.582
3/23/1991	82	6.9250	5.0	-5.3786	5.3786	-5.3786	0.925	43.446
3/24/1991	83	6.9625	9.3	-8.4410	8.4410	-8.4410	0.963	75.189
3/25/1991	84	6.9833	9.9	-7.9524	7.9524	-7.9524	0.983	68.607
3/26/1991	85	6.9875	9.3	-7.5810	7.5810	-7.5810	0.988	64.339
3/27/1991	86	7.0083	0.0	-6.2380	6.2380	-6.2380	1.008	49.386
3/28/1991	87	6.9708	2.6	0.5718	0.5718	0.0000	0.971	2.382
3/29/1991	88	6.8792	0.0	6.2359	6.2359	0.0000	0.879	54.440
3/30/1991	89	7.0083	1.9	8.6486	8.6486	0.0000	1.008	75.030
3/31/1991	90	6.9208	5.2	8.1261	8.1261	0.0000	0.921	73.916
4/1/1991	91	7.0125	0.5	0.2238	0.2238	0.0000	1.013	0.696
4/2/1991	92	7.0167	0.3	9.1113	9.1113	0.0000	1.017	79.736
4/3/1991	93	7.0292	2.6	11.8021	11.8021	0.0000	1.029	110.080
4/4/1991	94	7.2667	2.8	6.7893	6.7893	0.0000	1.267	46.768
4/5/1991	95	7.1208	3.5	3.6945	3.6945	0.0000	1.121	23.421
4/6/1991	96	7.2875	2.5	5.1792	5.1792	0.0000	1.288	32.690
4/7/1991	97	7.2750	4.7	2.3336	2.3336	0.0000	1.275	11.865
4/8/1991	98	7.3125	0.0	5.8488	5.8488	0.0000	1.313	37.674
4/9/1991	99	7.3792	4.3	5.0046	5.0046	0.0000	1.379	29.786
4/10/1991	100	7.3875	11.2	-2.6763	2.6763	-2.6763	1.388	13.311
4/11/1991	101	7.7167	10.9	5.8940	5.8940	0.0000	1.717	31.411
4/12/1991	102	7.5708	6.8	8.8961	8.8961	0.0000	1.571	56.684
4/13/1991	103	7.5292	4.7	4.7314	4.7314	0.0000	1.529	25.751
4/14/1991	104	7.5250	6.9	-9.9648	9.9648	-9.9648	1.525	66.943
4/15/1991	105	7.3833	8.2	-9.1450	9.1450	-9.1450	1.383	64.300
4/16/1991	106	7.6500	12.8	-2.2881	2.2881	-2.2881	1.650	9.624
4/17/1991	107	8.0083	6.8	-0.4702	0.4702	-0.4702	2.008	1.104
4/18/1991	108	7.7833	1.9	-4.4596	4.4596	-4.4596	1.783	21.391
4/19/1991	109	7.6417	4.8	-4.9566	4.9566	-4.9566	1.642	25.980
4/20/1991	110	7.7083	5.7	-6.5201	6.5201	-6.5201	1.708	35.868
4/21/1991	111	7.8083	0.0	-6.2370	6.2370	-6.2370	1.808	32.538
4/22/1991	112	8.0125	0.0	2.6477	2.6477	0.0000	2.013	10.068
4/23/1991	113	8.0292	0.0	7.7147	7.7147	0.0000	2.029	39.342
4/24/1991	114	7.9696	6.3	3.9896	3.9896	0.0000	1.970	17.279
4/25/1991	115	8.2333	10.0	4.3354	4.3354	0.0000	2.233	17.569
4/26/1991	116	8.0583	0.5	5.6616	5.6616	0.0000	2.058	26.208
4/27/1991	117	7.9250	5.1	0.1188	0.1188	0.0000	1.925	0.195
4/28/1991	118	8.0458	7.4	3.8865	3.8865	0.0000	2.046	16.263
4/29/1991	119	8.3833	11.1	2.2436	2.2436	0.0000	2.383	7.218
4/30/1991	120	8.4333	10.6	-0.0095	0.0095	-0.0095	2.433	0.007
5/1/1991	121	8.2958	13.2	-9.8547	9.8547	-9.8547	2.296	49.280
5/2/1991	122	8.3083	11.2	-6.7019	6.7019	-6.7019	2.308	29.968
5/3/1991	123	9.0833	9.6	-1.2691	1.2691	-1.2691	3.083	2.896
5/4/1991	124	9.2500	4.6	4.4384	4.4384	0.0000	3.250	13.851
5/5/1991	125	8.6708	0.3	5.7876	5.7876	0.0000	2.671	22.381
5/6/1991	126	8.4625	2.6	7.5664	7.5664	0.0000	2.463	33.424
5/7/1991	127	8.3792	0.0	4.2854	4.2854	0.0000	2.379	16.546
5/8/1991	128	8.4500	6.8	-3.1742	3.1742	-3.1742	2.450	11.034
5/9/1991	129	9.0042	11.4	-3.0643	3.0643	-3.0643	3.004	9.119
5/10/1991	130	9.4625	6.1	5.3621	5.3621	0.0000	3.463	16.863
5/11/1991	131	8.8708	8.8	6.7399	6.7399	0.0000	2.871	25.833
5/12/1991	132	8.9875	0.7	6.5711	6.5711	0.0000	2.988	24.307

5/13/1991	133	8.8458	11.1	3.3662	3.3662	0.0000	2.846	10.690
5/14/1991	134	9.0083	2.0	8.5945	8.5945	0.0000	3.008	34.103
5/15/1991	135	8.9083	0.1	9.7944	9.7944	0.0000	2.908	41.298
5/16/1991	136	8.8958	7.2	7.4103	7.4103	0.0000	2.896	28.987
5/17/1991	137	8.8542	12.9	-5.5763	5.5763	-5.5763	2.854	20.353
5/18/1991	138	8.9458	9.1	-9.5521	9.5521	-9.5521	2.946	39.631
5/19/1991	139	9.1208	12.4	-8.1262	8.1262	-8.1262	3.121	30.922
5/20/1991	140	9.4375	2.5	-4.4494	4.4494	-4.4494	3.438	13.350
5/21/1991	141	9.5833	14.4	-5.3716	5.3716	-5.3716	3.583	16.493
5/22/1991	142	10.0833	7.0	-3.2322	3.2322	-3.2322	4.083	7.842
5/23/1991	143	10.4583	4.2	-2.8281	2.8281	-2.8281	4.458	6.208
5/24/1991	144	10.5375	3.1	-8.2153	8.2153	-8.2153	4.538	24.003
5/25/1991	145	10.6708	5.2	-7.2347	7.2347	-7.2347	4.671	19.981
5/26/1991	146	10.6708	11.3	-6.4928	6.4928	-6.4928	4.671	17.397
5/27/1991	147	10.8625	11.1	-1.8464	1.8464	-1.8464	4.863	3.381
5/28/1991	148	10.9583	8.1	5.0207	5.0207	0.0000	4.958	11.996
5/29/1991	149	10.0304	0.0	11.2559	11.2559	0.0000	4.030	39.090
5/30/1991	150	10.0833	1.1	0.1328	0.1328	0.0000	4.083	0.132
5/31/1991	151	9.6625	2.1	5.1247	5.1247	0.0000	3.663	15.288
6/1/1991	152	9.7917	14.4	1.1982	1.1982	0.0000	3.792	2.321
6/2/1991	153	10.0625	5.0	-4.6939	4.6939	-4.6939	4.063	12.688
6/3/1991	154	10.0000	3.9	-7.3067	7.3067	-7.3067	4.000	22.605
6/4/1991	155	10.2292	12.4	-5.8817	5.8817	-5.8817	4.229	16.457
6/5/1991	156	10.5125	14.3	3.1511	3.1511	0.0000	4.513	7.068
6/6/1991	157	10.9917	7.2	0.2304	0.2304	0.0000	4.992	0.231
6/7/1991	158	11.0042	0.4	-1.1345	1.1345	-1.1345	5.004	1.776
6/8/1991	159	11.1708	2.0	1.8881	1.8881	0.0000	5.171	3.329
6/9/1991	160	11.0375	0.0	8.1239	8.1239	0.0000	5.038	21.960
6/10/1991	161	10.9792	1.2	4.6086	4.6086	0.0000	4.979	10.718
6/11/1991	162	10.8043	0.0	3.6333	3.6333	0.0000	4.804	8.110
6/12/1991	163	10.7125	1.3	-0.4176	0.4176	-0.4176	4.713	0.516
6/13/1991	164	11.2174	1.8	-4.7791	4.7791	-4.7791	5.217	10.860
6/14/1991	165	11.2000	0.1	1.8705	1.8705	0.0000	5.200	3.276
6/15/1991	166	11.1417	5.6	0.6334	0.6334	0.0000	5.142	0.826
6/16/1991	167	11.2125	12.4	-5.2261	5.2261	-5.2261	5.213	12.185
6/17/1991	168	11.6083	2.6	-2.8113	2.8113	-2.8113	5.608	5.229
6/18/1991	169	11.5083	13.2	-7.3415	7.3415	-7.3415	5.508	18.098
6/19/1991	170	10.7958	9.8	-9.5772	9.5772	-9.5772	4.796	28.078
6/20/1991	171	11.7250	14.7	-4.1950	4.1950	-4.1950	5.725	8.601
6/21/1991	172	12.3333	3.6	4.1668	4.1668	0.0000	6.333	7.934
6/22/1991	173	12.3458	0.5	1.8656	1.8656	0.0000	6.346	2.833
6/23/1991	174	12.5750	6.0	-0.6836	0.6836	-0.6836	6.575	0.764
6/24/1991	175	12.0042	8.8	-5.1243	5.1243	-5.1243	6.004	10.741
6/25/1991	176	12.1542	0.0	-1.3873	1.3873	-1.3873	6.154	1.982
6/26/1991	177	12.3083	0.1	1.7218	1.7218	0.0000	6.308	2.567
6/27/1991	178	12.6542	3.5	-0.1527	0.1527	-0.1527	6.654	0.111
6/28/1991	179	12.8792	6.3	-3.2429	3.2429	-3.2429	6.879	5.426
6/29/1991	180	12.9042	0.3	2.5929	2.5929	0.0000	6.904	4.065
6/30/1991	181	12.7229	0.2	5.2678	5.2678	0.0000	6.723	10.264
7/1/1991	182	12.5417	1.2	7.9427	7.9427	0.0000	6.542	17.704
7/2/1991	183	11.5826	9.4	7.7120	7.7120	0.0000	5.583	19.092
7/3/1991	184	11.8458	12.0	-0.7597	0.7597	-0.7597	5.846	0.951

7/4/1991	185	12.6208	13.3	-0.0472	0.0472	-0.0472	6.621	0.025
7/5/1991	186	12.8167	11.7	-5.3198	5.3198	-5.3198	6.817	10.292
7/6/1991	187	12.4292	13.5	-7.5705	7.5705	-7.5705	6.429	16.857
7/7/1991	188	12.5136	8.9	-8.3991	8.3991	-8.3991	6.514	19.075
7/8/1991	189	12.5167	9.4	-10.0964	10.0964	-10.0964	6.517	24.135
7/9/1991	190	12.5875	7.2	-8.4803	8.4803	-8.4803	6.588	19.156
7/10/1991	191	13.1208	0.3	2.6177	2.6177	0.0000	7.121	4.025
7/11/1991	192	13.0208	0.3	8.2694	8.2694	0.0000	7.021	17.724
7/12/1991	193	13.0750	2.0	6.3958	6.3958	0.0000	7.075	12.687
7/13/1991	194	13.3542	2.8	0.4476	0.4476	0.0000	7.354	0.410
7/14/1991	195	12.3087	0.0	4.9487	4.9487	0.0000	6.309	9.915
7/15/1991	196	12.2429	0.0	-1.9099	1.9099	-1.9099	6.243	2.953
7/16/1991	197	13.0478	0.3	0.7491	0.7491	0.0000	7.048	0.817
7/17/1991	198	13.6125	4.2	0.8109	0.8109	0.0000	7.613	0.856
7/18/1991	199	12.8667	3.0	2.2342	2.2342	0.0000	6.867	3.372
7/19/1991	200	13.3125	0.0	-1.1242	1.1242	-1.1242	7.313	1.339
7/20/1991	201	14.1875	0.8	0.9675	0.9675	0.0000	8.188	1.019
7/21/1991	202	13.9667	6.0	1.2596	1.2596	0.0000	7.967	1.456
7/22/1991	203	13.3750	14.5	6.2053	6.2053	0.0000	7.375	11.849
7/23/1991	204	13.7458	9.9	-2.5836	2.5836	-2.5836	7.746	3.727
7/24/1991	205	14.4083	3.6	-2.2266	2.2266	-2.2266	8.408	2.906
7/25/1991	206	14.4917	1.9	2.3521	2.3521	0.0000	8.492	3.095
7/26/1991	207	14.2625	0.1	4.0561	4.0561	0.0000	8.263	6.340
7/27/1991	208	14.2042	3.7	5.9719	5.9719	0.0000	8.204	10.455
7/28/1991	209	14.1292	3.1	4.8603	4.8603	0.0000	8.129	8.085
7/29/1991	210	14.0583	12.8	-1.0973	1.0973	-1.0973	8.058	1.211
7/30/1991	211	14.4000	9.2	-6.9171	6.9171	-6.9171	8.400	12.407
7/31/1991	212	14.1542	8.8	-8.7367	8.7367	-8.7367	8.154	17.089
8/1/1991	213	14.1750	9.0	-3.2360	3.2360	-3.2360	8.175	4.784
8/2/1991	214	14.6500	11.8	5.7013	5.7013	0.0000	8.650	9.487
8/3/1991	215	14.3708	11.4	9.7016	9.7016	0.0000	8.371	19.179
8/4/1991	216	14.0750	2.0	-3.7582	3.7582	-3.7582	8.075	5.845
8/5/1991	217	14.3417	14.1	-4.3576	4.3576	-4.3576	8.342	6.902
8/6/1991	218	14.5750	11.0	-5.5181	5.5181	-5.5181	8.575	9.155
8/7/1991	219	14.6417	0.0	1.3851	1.3851	0.0000	8.642	1.552
8/8/1991	220	14.0042	0.0	9.4250	9.4250	0.0000	8.004	19.082
8/9/1991	221	13.4792	7.5	5.9541	5.9541	0.0000	7.479	11.126
8/10/1991	222	14.0875	10.4	-0.4135	0.4135	-0.4135	8.088	0.346
8/11/1991	223	14.4292	8.3	-2.0599	2.0599	-2.0599	8.429	2.626
8/12/1991	224	14.1042	4.3	-9.4638	9.4638	-9.4638	8.104	19.014
8/13/1991	225	14.0833	12.6	-6.8114	6.8114	-6.8114	8.083	12.504
8/14/1991	226	14.2000	8.8	-7.2692	7.2692	-7.2692	8.200	13.451
8/15/1991	227	13.9917	7.8	-10.8043	10.8043	-10.8043	7.992	22.753
8/16/1991	228	13.9500	5.8	-7.6525	7.6525	-7.6525	7.950	14.687
8/17/1991	229	14.1167	8.8	-4.6095	4.6095	-4.6095	8.117	7.563
8/18/1991	230	14.2292	7.1	-7.1509	7.1509	-7.1509	8.229	13.138
8/19/1991	231	14.3625	10.1	-4.0368	4.0368	-4.0368	8.363	6.247
8/20/1991	232	15.0083	4.0	2.6977	2.6977	0.0000	9.008	3.537
8/21/1991	233	15.3391	6.5	-1.2575	1.2575	-1.2575	9.339	1.298
8/22/1991	234	15.4375	7.2	-2.7602	2.7602	-2.7602	9.438	3.523
8/23/1991	235	15.8167	10.4	-2.4586	2.4586	-2.4586	9.817	2.953
8/24/1991	236	15.8875	11.9	-5.4660	5.4660	-5.4660	9.888	8.170

8/25/1991	237	15.4542	3.5	0.5976	0.5976	0.0000	9.454	0.496
8/26/1991	238	14.8792	0.0	6.1427	6.1427	0.0000	8.879	10.244
8/27/1991	239	13.4130	3.3	3.3320	3.3320	0.0000	7.413	5.326
8/28/1991	240	13.5417	2.1	8.6808	8.6808	0.0000	7.542	17.921
8/29/1991	241	13.6000	1.4	7.5777	7.5777	0.0000	7.600	14.977
8/30/1991	242	13.6083	7.7	12.9480	12.9480	0.0000	7.608	29.710
8/31/1991	243	13.3708	3.5	5.5891	5.5891	0.0000	7.371	10.368
9/1/1991	244	13.8792	9.6	3.6127	3.6127	0.0000	7.879	5.655
9/2/1991	245	14.2042	0.0	4.4676	4.4676	0.0000	8.204	7.211
9/3/1991	246	14.2292	6.5	7.0196	7.0196	0.0000	8.229	12.830
9/4/1991	247	14.5167	9.4	1.1368	1.1368	0.0000	8.517	1.218
9/5/1991	248	14.7565	4.4	3.5049	3.5049	0.0000	8.757	5.045
9/6/1991	249	14.2583	8.6	-7.7506	7.7506	-7.7506	8.258	14.528
9/7/1991	250	14.0875	10.5	-6.9177	6.9177	-6.9177	8.088	12.749
9/8/1991	251	13.8458	9.3	-8.1837	8.1837	-8.1837	7.846	16.155
9/9/1991	252	13.8667	4.3	-2.1581	2.1581	-2.1581	7.867	2.928
9/10/1991	253	14.0292	5.7	-0.6596	0.6596	-0.6596	8.029	0.633
9/11/1991	254	14.3208	2.0	1.2216	1.2216	0.0000	8.321	1.358
9/12/1991	255	13.9364	0.9	6.6772	6.6772	0.0000	7.936	12.350
9/13/1991	256	13.8875	10.4	-3.8424	3.8424	-3.8424	7.888	6.115
9/14/1991	257	14.0167	5.9	1.6093	1.6093	0.0000	8.017	1.984
9/15/1991	258	13.9958	2.7	6.9958	6.9958	0.0000	7.996	13.040
9/16/1991	259	14.0792	6.9	1.6513	1.6513	0.0000	8.079	2.039
9/17/1991	260	14.0773	1.3	-2.7447	2.7447	-2.7447	8.077	3.908
9/18/1991	261	14.3625	4.6	1.8665	1.8665	0.0000	8.363	2.327
9/19/1991	262	14.1292	10.1	-2.0667	2.0667	-2.0667	8.129	2.706
9/20/1991	263	14.0583	9.6	-4.8355	4.8355	-4.8355	8.058	8.083
9/21/1991	264	13.9292	7.9	-4.1448	4.1448	-4.1448	7.929	6.712
9/22/1991	265	13.7042	0.0	8.2473	8.2473	0.0000	7.704	16.530
9/23/1991	266	13.3696	8.3	6.9074	6.9074	0.0000	7.370	13.598
9/24/1991	267	13.5417	0.0	2.1485	2.1485	0.0000	7.542	3.000
9/25/1991	268	13.6273	5.6	-4.7482	4.7482	-4.7482	7.627	8.212
9/26/1991	269	13.3625	9.4	0.6274	0.6274	0.0000	7.363	0.631
9/27/1991	270	13.2429	1.0	0.3527	0.3527	0.0000	7.243	0.306
9/28/1991	271	13.3375	8.8	-7.8831	7.8831	-7.8831	7.338	16.154
9/29/1991	272	13.1909	8.0	-6.2052	6.2052	-6.2052	7.191	12.064
9/30/1991	273	13.4130	1.8	3.8371	3.8371	0.0000	7.413	6.381
10/1/1991	274	13.3292	8.0	-5.3348	5.3348	-5.3348	7.329	9.808
10/2/1991	275	13.2000	8.7	-2.2848	2.2848	-2.2848	7.200	3.355
10/3/1991	276	13.0125	7.1	-7.6474	7.6474	-7.6474	7.013	16.050
10/4/1991	277	13.0417	7.0	-2.8769	2.8769	-2.8769	7.042	4.578
10/5/1991	278	13.0208	9.2	1.3851	1.3851	0.0000	7.021	1.800
10/6/1991	279	12.9375	1.0	6.1946	6.1946	0.0000	6.938	12.350
10/7/1991	280	12.8125	2.5	0.7323	0.7323	0.0000	6.813	0.813
10/8/1991	281	12.6875	0.0	6.1399	6.1399	0.0000	6.688	12.535
10/9/1991	282	11.9917	6.6	10.9946	10.9946	0.0000	5.992	28.580
10/10/1991	283	11.9208	9.1	10.7288	10.7288	0.0000	5.921	27.935
10/11/1991	284	12.0250	0.0	6.8864	6.8864	0.0000	6.025	15.641
10/12/1991	285	12.0375	7.1	-0.9315	0.9315	-0.9315	6.038	1.207
10/13/1991	286	12.0125	1.9	7.1184	7.1184	0.0000	6.013	16.343
10/14/1991	287	12.0500	8.7	7.4191	7.4191	0.0000	6.050	17.155
10/15/1991	288	12.0250	0.0	-1.9819	1.9819	-1.9819	6.025	3.176

10/16/1991	289	11.7652	5.6	-9.2656	9.2656	-9.2656	5.765	23.599
10/17/1991	290	11.5917	6.6	2.7530	2.7530	0.0000	5.592	5.102
10/18/1991	291	11.6125	0.0	9.2696	9.2696	0.0000	5.613	24.069
10/19/1991	292	11.6208	0.0	9.0066	9.0066	0.0000	5.621	23.174
10/20/1991	293	11.4333	0.0	1.0871	1.0871	0.0000	5.433	1.585
10/21/1991	294	11.1167	0.6	-4.7094	4.7094	-4.7094	5.117	10.807
10/22/1991	295	10.9833	8.0	-6.8666	6.8666	-6.8666	4.983	17.845
10/23/1991	296	10.8125	1.1	-3.8024	3.8024	-3.8024	4.813	8.586
10/24/1991	297	10.7417	0.9	-1.7337	1.7337	-1.7337	4.742	3.175
10/25/1991	298	10.4792	2.8	-3.0561	3.0561	-3.0561	4.479	6.833
10/26/1991	299	10.2667	7.7	-6.2861	6.2861	-6.2861	4.267	17.806
10/27/1991	300	9.9750	8.3	-1.7535	1.7535	-1.7535	3.975	3.654
10/28/1991	301	9.9042	0.0	4.4294	4.4294	0.0000	3.904	12.119
10/29/1991	302	9.8125	5.0	-3.8930	3.8930	-3.8930	3.813	10.450
10/30/1991	303	10.0208	0.0	4.7585	4.7585	0.0000	4.021	13.008
10/31/1991	304	10.0958	0.0	1.3342	1.3342	0.0000	4.096	2.521
11/1/1991	305	9.8833	0.0	1.5482	1.5482	0.0000	3.883	3.168
11/2/1991	306	9.7250	0.0	12.9760	12.9760	0.0000	3.725	49.608
11/3/1991	307	9.7458	0.0	13.3133	13.3133	0.0000	3.746	51.061
11/4/1991	308	9.6917	0.9	7.5007	7.5007	0.0000	3.692	24.755
11/5/1991	309	9.6792	4.4	7.2312	7.2312	0.0000	3.679	23.679
11/6/1991	310	9.7458	2.5	4.6799	4.6799	0.0000	3.746	13.394
11/7/1991	311	9.7667	0.0	8.6394	8.6394	0.0000	3.767	29.241
11/8/1991	312	9.8417	3.9	3.1439	3.1439	0.0000	3.842	7.906
11/9/1991	313	10.0083	0.0	7.1059	7.1059	0.0000	4.008	21.781
11/10/1991	314	9.7792	0.8	6.7647	6.7647	0.0000	3.779	21.329
11/11/1991	315	9.5375	0.7	11.0111	11.0111	0.0000	3.538	41.715
11/12/1991	316	9.7130	0.8	5.8638	5.8638	0.0000	3.713	17.989
11/13/1991	317	9.6958	0.7	-0.4881	0.4881	-0.4881	3.696	0.749
11/14/1991	318	9.2174	0.0	3.2267	3.2267	0.0000	3.217	9.276
11/15/1991	319	9.4167	0.0	17.6138	17.6138	0.0000	3.417	78.022
11/16/1991	320	9.4522	0.0	5.5515	5.5515	0.0000	3.452	17.667
11/17/1991	321	9.5417	0.7	5.0500	5.0500	0.0000	3.542	15.367
11/18/1991	322	9.5292	2.9	3.6751	3.6751	0.0000	3.529	10.257
11/19/1991	323	9.6167	1.5	5.4476	5.4476	0.0000	3.617	16.681
11/20/1991	324	9.4250	1.6	4.8144	4.8144	0.0000	3.425	14.805
11/21/1991	325	9.5042	0.8	4.7964	4.7964	0.0000	3.504	14.496
11/22/1991	326	9.5208	0.3	2.0273	2.0273	0.0000	3.521	4.798
11/23/1991	327	9.4348	0.0	15.7769	15.7769	0.0000	3.435	67.508
11/24/1991	328	9.3333	0.0	5.7438	5.7438	0.0000	3.333	18.921
11/25/1991	329	9.6417	3.3	0.4963	0.4963	0.0000	3.642	0.773
11/26/1991	330	9.7458	0.0	6.7531	6.7531	0.0000	3.746	21.418
11/27/1991	331	9.6042	1.0	0.9917	0.9917	0.0000	3.604	1.889
11/28/1991	332	9.7652	2.3	-2.5701	2.5701	-2.5701	3.765	6.197
11/29/1991	333	9.5870	3.4	-11.1980	11.1980	-11.1980	3.587	42.203
11/30/1991	334	9.4833	0.0	-1.1137	1.1137	-1.1137	3.483	2.246
12/1/1991	335	9.1667	1.0	2.1583	2.1583	0.0000	3.167	5.607
12/2/1991	336	8.9500	0.0	4.5063	4.5063	0.0000	2.950	15.134
12/3/1991	337	9.0625	0.0	6.5827	6.5827	0.0000	3.063	23.934
12/4/1991	338	9.3167	0.0	3.7119	3.7119	0.0000	3.317	10.860
12/5/1991	339	9.5696	0.0	10.1419	10.1419	0.0000	3.570	37.306
12/6/1991	340	9.6375	1.1	4.5773	4.5773	0.0000	3.638	13.295

12/7/1991	341	9.6542	0.0	0.2431	0.2431	0.0000	3.654	0.309
12/8/1991	342	9.1917	0.0	6.0106	6.0106	0.0000	3.192	20.685
12/9/1991	343	9.2375	2.0	1.1417	1.1417	0.0000	3.238	2.443
12/10/1991	344	9.3208	0.0	-3.3708	3.3708	-3.3708	3.321	9.591
12/11/1991	345	8.9708	0.4	-2.5950	2.5950	-2.5950	2.971	7.430
12/12/1991	346	9.0292	1.8	-12.8988	12.8988	-12.8988	3.029	57.064
12/13/1991	347	8.8500	0.0	1.5050	1.5050	0.0000	2.850	3.811
12/14/1991	348	8.9870	0.5	-0.5301	2.0351	-1.2826	2.987	5.422
12/15/1991	349	9.0625	1.1	-2.5652	2.5652	-2.5652	3.063	7.164
12/16/1991	350	8.9583	3.6	-1.6355	1.6355	-1.6355	2.958	4.127
12/17/1991	351	8.9750	0.1	-1.6355	1.6355	-1.6355	2.975	4.111
12/18/1991	352	9.0875	1.2	-0.7058	0.7058	-0.7058	3.088	1.365
12/19/1991	353	8.9250	0.0	0.0709	0.0709	0.0000	2.925	0.075
12/20/1991	354	9.0304	0.0	13.9098	13.9098	0.0000	3.030	62.831
12/21/1991	355	9.0083	0.0	4.1766	4.1766	0.0000	3.008	13.541
12/22/1991	356	9.0917	4.2	6.1980	6.1980	0.0000	3.092	22.009
12/23/1991	357	9.1250	0.0	8.2195	8.2195	0.0000	3.125	31.347
12/24/1991	358	9.1542	3.2	15.7850	15.7850	0.0000	3.154	71.791
12/25/1991	359	9.0583	0.0	-1.9812	1.9812	-1.9812	3.058	5.152
12/26/1991	360	8.9174	0.0	8.1972	8.1972	0.0000	2.917	32.810
12/27/1991	361	8.8167	0.0	0.4174	0.4174	0.0000	2.817	0.744
12/28/1991	362	8.9167	1.0	1.0030	1.0030	0.0000	2.917	2.230
12/29/1991	363	9.0000	3.2	7.5926	7.5926	0.0000	3.000	29.158
12/30/1991	364	8.8667	4.0	6.8296	6.8296	0.0000	2.867	26.301
12/31/1991	365	8.9235	0.0	6.0666	6.0666	0.0000	2.924	22.286
1/1/1992	1	9.0000	0.0	1.9237	1.9237	0.0000	3.000	5.030
1/2/1992	2	8.8042	0.0	3.9180	3.9180	0.0000	2.804	13.119
1/3/1992	3	8.8125	0.0	6.7397	6.7397	0.0000	2.813	26.214
1/4/1992	4	8.5208	0.5	-2.3344	2.3344	-2.3344	2.521	7.296
1/5/1992	5	8.4292	0.5	3.2730	3.2730	0.0000	2.429	11.546
1/6/1992	6	8.1625	1.7	3.5011	3.5011	0.0000	2.163	13.676
1/7/1992	7	8.1417	4.3	8.1046	8.1046	0.0000	2.142	40.322
1/8/1992	8	8.3250	0.0	12.8890	12.8890	0.0000	2.325	68.861
1/9/1992	9	8.5833	0.0	8.5758	8.5758	0.0000	2.583	37.915
1/10/1992	10	8.7583	0.0	2.6514	2.6514	0.0000	2.758	8.053
1/11/1992	11	8.7261	2.6	-2.4701	2.4701	-2.4701	2.726	7.417
1/12/1992	12	8.7542	0.0	11.5050	11.5050	0.0000	2.754	52.759
1/13/1992	13	8.8250	0.0	7.1717	7.1717	0.0000	2.825	28.294
1/14/1992	14	8.9167	0.0	4.8209	4.8209	0.0000	2.917	16.634
1/15/1992	15	8.9917	0.0	2.4700	2.4700	0.0000	2.992	6.940
1/16/1992	16	8.7167	0.0	-1.4623	1.4623	-1.4623	2.717	3.801
1/17/1992	17	8.7667	4.0	4.6489	4.6489	0.0000	2.767	16.488
1/18/1992	18	8.8292	0.2	5.2896	5.2896	0.0000	2.829	19.143
1/19/1992	19	8.7292	0.0	5.9304	5.9304	0.0000	2.729	22.737
1/20/1992	20	8.6792	0.0	1.6715	1.6715	0.0000	2.679	4.555
1/21/1992	21	8.6609	4.3	-0.2083	0.2083	-0.2083	2.661	0.318
1/22/1992	22	8.6583	0.0	3.8605	3.8605	0.0000	2.658	13.374
1/23/1992	23	8.6708	0.0	0.6620	0.6620	0.0000	2.671	1.395
1/24/1992	24	8.6208	0.0	2.5983	2.5983	0.0000	2.621	8.139
1/25/1992	25	8.7042	0.4	7.2117	7.2117	0.0000	2.704	29.399
1/26/1992	26	8.7500	0.0	7.1959	7.1959	0.0000	2.750	28.967
1/27/1992	27	8.7542	0.6	7.1802	7.1802	0.0000	2.754	28.855

1/28/1992	28	8.8000	0.2	7.9594	7.9594	0.0000	2.800	32.537
1/29/1992	29	8.7542	0.0	8.7386	8.7386	0.0000	2.754	37.103
1/30/1992	30	8.7083	5.5	11.2043	11.2043	0.0000	2.708	51.616
1/31/1992	31	8.7792	0.0	-2.1916	2.1916	-2.1916	2.779	6.277
2/1/1992	32	8.6833	0.1	-4.4477	4.4477	-4.4477	2.683	15.924
2/2/1992	33	8.7917	0.0	5.7869	5.7869	0.0000	2.792	21.682
2/3/1992	34	8.8435	0.0	8.7835	8.7835	0.0000	2.843	36.506
2/4/1992	35	8.7522	3.0	-1.1914	1.1914	-1.1914	2.752	2.897
2/5/1992	36	8.7375	0.0	-0.2773	0.2773	-0.2773	2.738	0.450
2/6/1992	37	8.6917	3.2	-0.2374	0.2374	-0.2374	2.692	0.373
2/7/1992	38	8.6083	0.0	-1.7175	1.7175	-1.7175	2.608	4.807
2/8/1992	39	8.5625	5.8	-0.5587	0.5587	-0.5587	2.563	1.157
2/9/1992	40	8.5917	1.5	2.9456	2.9456	0.0000	2.592	9.633
2/10/1992	41	8.7958	0.0	-0.6709	0.6709	-0.6709	2.796	1.374
2/11/1992	42	8.8375	0.2	-0.1951	0.1951	-0.1951	2.838	0.280
2/12/1992	43	8.8792	0.1	5.8736	5.8736	0.0000	2.879	21.617
2/13/1992	44	8.8250	4.1	10.2219	10.2219	0.0000	2.825	44.534
2/14/1992	45	8.7792	2.1	3.1762	3.1762	0.0000	2.779	10.093
2/15/1992	46	8.5542	0.5	4.9223	4.9223	0.0000	2.554	18.781
2/16/1992	47	8.4708	0.0	2.2690	2.2690	0.0000	2.471	7.137
2/17/1992	48	8.6917	0.6	5.0769	5.0769	0.0000	2.692	18.821
2/18/1992	49	8.9083	2.0	4.4105	4.4105	0.0000	2.908	14.874
2/19/1992	50	8.9125	0.4	2.7768	2.7768	0.0000	2.913	8.218
2/20/1992	51	8.9542	3.6	4.7522	4.7522	0.0000	2.954	16.183
2/21/1992	52	8.9304	0.0	10.3449	10.3449	0.0000	2.930	44.054
2/22/1992	53	8.9750	0.2	2.7916	2.7916	0.0000	2.975	8.150
2/23/1992	54	8.9125	0.0	12.5670	12.5670	0.0000	2.913	56.761
2/24/1992	55	9.0167	0.0	8.5271	8.5271	0.0000	3.017	33.695
2/25/1992	56	9.1292	3.7	11.4664	11.4664	0.0000	3.129	47.957
2/26/1992	57	9.2125	7.0	5.8541	5.8541	0.0000	3.213	19.906
2/27/1992	58	9.1500	2.6	6.0093	6.0093	0.0000	3.150	20.875
2/28/1992	59	9.2083	3.0	7.6176	7.6176	0.0000	3.208	27.910
2/29/1992	60	9.0333	8.0	-1.4519	1.4519	-1.4519	3.033	3.481
3/1/1992	61	8.8958	2.3	-6.8898	6.8898	-6.8898	2.896	26.407
3/2/1992	62	8.8083	0.3	-8.1320	8.1320	-8.1320	2.808	33.371
3/3/1992	63	8.5500	3.0	-2.6350	2.6350	-2.6350	2.550	8.450
3/4/1992	64	8.7458	0.4	4.7717	4.7717	0.0000	2.746	17.140
3/5/1992	65	8.9083	1.6	0.5896	0.5896	0.0000	2.908	1.132
3/6/1992	66	8.9750	1.3	-2.0388	2.0388	-2.0388	2.975	5.451
3/7/1992	67	8.6917	8.6	1.2596	1.2596	0.0000	2.692	3.161
3/8/1992	68	8.7333	9.3	3.0983	3.0983	0.0000	2.733	9.894
3/9/1992	69	8.8750	2.2	1.8557	1.8557	0.0000	2.875	4.952
3/10/1992	70	8.8292	5.0	2.6975	2.6975	0.0000	2.829	8.085
3/11/1992	71	8.9750	0.0	9.1126	9.1126	0.0000	2.975	37.050
3/12/1992	72	8.8417	4.4	9.0851	9.0851	0.0000	2.842	38.136
3/13/1992	73	8.8417	7.0	1.6207	1.6207	0.0000	2.842	4.198
3/14/1992	74	8.9250	0.0	0.6783	0.6783	0.0000	2.925	1.349
3/15/1992	75	8.9292	0.0	-1.9981	1.9981	-1.9981	2.929	5.371
3/16/1992	76	8.7750	0.0	0.7380	0.7380	0.0000	2.775	1.560
3/17/1992	77	8.5435	6.3	4.3975	4.3975	0.0000	2.543	16.306
3/18/1992	78	8.5833	5.4	2.9351	2.9351	0.0000	2.583	9.611
3/19/1992	79	8.6083	7.7	1.2488	1.2488	0.0000	2.608	3.197

3/20/1992	80	9.0625	9.8	3.1331	3.1331	0.0000	3.063	9.253
3/21/1992	81	9.4667	7.7	0.4276	0.4276	0.0000	3.467	0.662
3/22/1992	82	9.3708	4.7	-9.0214	9.0214	-9.0214	3.371	33.455
3/23/1992	83	8.9500	3.0	-7.3584	7.3584	-7.3584	2.950	28.350
3/24/1992	84	9.0917	6.6	-1.1914	1.1914	-1.1914	3.092	2.666
3/25/1992	85	9.1833	2.2	-0.0917	0.0917	-0.0917	3.183	0.098
3/26/1992	86	8.9917	0.0	-3.5095	3.5095	-3.5095	2.992	10.880
3/27/1992	87	8.7167	8.5	-5.8724	5.8724	-5.8724	2.717	22.527
3/28/1992	88	8.5292	9.3	-3.0837	3.0837	-3.0837	2.529	10.395
3/29/1992	89	8.7375	0.0	4.8517	4.8517	0.0000	2.738	17.547
3/30/1992	90	8.8042	0.0	5.7609	5.7609	0.0000	2.804	21.489
3/31/1992	91	8.8167	0.0	9.2892	9.2892	0.0000	2.817	39.484
4/1/1992	92	8.8708	2.1	8.9317	8.9317	0.0000	2.871	37.042
4/2/1992	93	8.9375	2.9	7.8370	7.8370	0.0000	2.938	30.824
4/3/1992	94	8.8375	4.2	2.9488	2.9488	0.0000	2.838	9.042
4/4/1992	95	8.7913	2.2	4.9591	4.9591	0.0000	2.791	17.796
4/5/1992	96	8.8375	1.6	0.2631	0.2631	0.0000	2.838	0.410
4/6/1992	97	8.8750	6.6	-1.4469	1.4469	-1.4469	2.875	3.601
4/7/1992	98	9.0333	8.8	-3.6108	3.6108	-3.6108	3.033	11.173
4/8/1992	99	8.9478	7.2	-5.2412	5.2412	-5.2412	2.948	18.373
4/9/1992	100	8.8250	10.0	-7.9581	7.9581	-7.9581	2.825	32.324
4/10/1992	101	8.8750	11.1	-8.9615	8.9615	-8.9615	2.875	37.162
4/11/1992	102	8.9083	8.6	-3.4821	3.4821	-3.4821	2.908	10.991
4/12/1992	103	9.0792	1.7	-2.0019	2.0019	-2.0019	3.079	5.195
4/13/1992	104	9.0500	0.9	4.2962	4.2962	0.0000	3.050	13.902
4/14/1992	105	9.2522	4.7	6.0248	6.0248	0.0000	3.252	20.472
4/15/1992	106	9.4417	0.0	8.8757	8.8757	0.0000	3.442	32.282
4/16/1992	107	9.5750	1.7	3.9186	3.9186	0.0000	3.575	11.033
4/17/1992	108	9.6375	1.4	6.1093	6.1093	0.0000	3.638	19.239
4/18/1992	109	9.5917	8.3	-0.7774	0.7774	-0.7774	3.592	1.387
4/19/1992	110	9.6583	0.0	9.6830	9.6830	0.0000	3.658	34.548
4/20/1992	111	9.2875	3.2	6.0334	6.0334	0.0000	3.288	20.351
4/21/1992	112	9.3417	2.9	2.2841	2.2841	0.0000	3.342	5.802
4/22/1992	113	9.5292	6.3	2.5116	2.5116	0.0000	3.529	6.301
4/23/1992	114	9.6625	5.8	4.8666	4.8666	0.0000	3.663	14.310
4/24/1992	115	9.6917	2.9	4.0586	4.0586	0.0000	3.692	11.278
4/25/1992	116	9.6500	1.1	6.1325	6.1325	0.0000	3.650	19.285
4/26/1992	117	9.9625	0.3	3.2054	3.2054	0.0000	3.963	7.927
4/27/1992	118	10.0833	0.2	3.0420	3.0420	0.0000	4.083	7.256
4/28/1992	119	10.1458	0.0	0.3844	0.3844	0.0000	4.146	0.508
4/29/1992	120	10.1417	1.6	-3.4096	3.4096	-3.4096	4.142	8.312
4/30/1992	121	9.9917	7.1	-1.6936	1.6936	-1.6936	3.992	3.485
5/1/1992	122	10.0458	0.0	11.0970	11.0970	0.0000	4.046	38.281
5/2/1992	123	9.7250	0.0	6.4693	6.4693	0.0000	3.725	20.353
5/3/1992	124	9.7167	5.7	9.2175	9.2175	0.0000	3.717	32.073
5/4/1992	125	9.7625	2.3	5.3252	5.3252	0.0000	3.763	15.752
5/5/1992	126	9.9833	7.0	-2.5614	2.5614	-2.5614	3.983	5.927
5/6/1992	127	10.1125	11.6	-7.2023	7.2023	-7.2023	4.113	21.758
5/7/1992	128	9.8500	5.9	-4.9594	4.9594	-4.9594	3.850	14.146
5/8/1992	129	10.1000	4.8	0.4046	0.4046	0.0000	4.100	0.547
5/9/1992	130	10.2208	0.0	-0.8576	0.8576	-0.8576	4.221	1.401
5/10/1992	131	9.9826	8.9	-5.9251	5.9251	-5.9251	3.983	17.340

5/11/1992	132	10.1083	8.8	-3.6155	3.6155	-3.6155	4.108	9.012
5/12/1992	133	10.2739	10.9	-5.9621	5.9621	-5.9621	4.274	16.620
5/13/1992	134	10.3333	13.7	-9.0275	9.0275	-9.0275	4.333	27.987
5/14/1992	135	9.9435	8.3	-10.1603	10.1603	-10.1603	3.943	34.826
5/15/1992	136	9.8125	11.5	-7.7584	7.7584	-7.7584	3.813	25.261
5/16/1992	137	9.9708	14.0	-6.9730	6.9730	-6.9730	3.971	21.404
5/17/1992	138	10.0792	11.6	-9.2447	9.2447	-9.2447	4.079	30.124
5/18/1992	139	9.9625	13.5	-10.9054	10.9054	-10.9054	3.963	37.997
5/19/1992	140	10.0500	13.8	-9.8616	9.8616	-9.8616	4.050	32.889
5/20/1992	141	10.0250	13.8	-9.2224	9.2224	-9.2224	4.025	30.319
5/21/1992	142	10.6083	11.5	-3.6462	3.6462	-3.6462	4.608	8.393
5/22/1992	143	11.0250	0.4	1.9760	1.9760	0.0000	5.025	3.602
5/23/1992	144	11.3250	9.1	1.1128	1.1128	0.0000	5.325	1.657
5/24/1992	145	11.8042	4.2	3.5973	3.5973	0.0000	5.804	6.996
5/25/1992	146	11.2750	1.0	4.3539	4.3539	0.0000	5.275	9.563
5/26/1992	147	11.0625	2.1	4.0736	4.0736	0.0000	5.063	9.044
5/27/1992	148	10.7833	0.8	5.1753	5.1753	0.0000	4.783	12.795
5/28/1992	149	10.9167	0.7	2.3723	2.3723	0.0000	4.917	4.623
5/29/1992	150	11.4917	9.3	1.5485	1.5485	0.0000	5.492	2.474
5/30/1992	151	11.6167	6.2	3.2227	3.2227	0.0000	5.617	6.222
5/31/1992	152	11.0375	0.0	8.9127	8.9127	0.0000	5.038	24.726
6/1/1992	153	10.7667	4.2	1.7829	1.7829	0.0000	4.767	3.279
6/2/1992	154	10.8000	12.7	-4.6705	4.6705	-4.6705	4.800	11.192
6/3/1992	155	11.1708	4.3	-3.4507	3.4507	-3.4507	5.171	7.204
6/4/1992	156	11.2875	12.7	-4.9138	4.9138	-4.9138	5.288	11.146
6/5/1992	157	11.2957	10.3	-8.4233	8.4233	-8.4233	5.296	22.195
6/6/1992	158	11.7042	0.8	-0.8756	0.8756	-0.8756	5.704	1.161
6/7/1992	159	11.8583	0.3	4.6575	4.6575	0.0000	5.858	9.673
6/8/1992	160	11.8125	0.2	2.7623	2.7623	0.0000	5.813	4.984
6/9/1992	161	11.8750	0.0	-0.7164	0.7164	-0.7164	5.875	0.879
6/10/1992	162	12.4625	4.8	-1.1516	1.1516	-1.1516	6.463	1.508
6/11/1992	163	12.9652	5.2	-3.9219	3.9219	-3.9219	6.965	6.860
6/12/1992	164	12.9667	0.0	-0.2366	0.2366	-0.2366	6.967	0.188
6/13/1992	165	12.8458	0.0	-0.9676	0.9676	-0.9676	6.846	1.158
6/14/1992	166	12.4792	0.9	-5.7333	5.7333	-5.7333	6.479	11.745
6/15/1992	167	12.6167	0.0	-2.2577	2.2577	-2.2577	6.617	3.510
6/16/1992	168	12.1130	11.3	-6.3893	6.3893	-6.3893	6.113	14.064
6/17/1992	169	11.6174	11.8	-4.6165	4.6165	-4.6165	5.617	9.855
6/18/1992	170	12.3417	3.8	2.2681	2.2681	0.0000	6.342	3.639
6/19/1992	171	12.6042	0.0	7.2992	7.2992	0.0000	6.604	15.782
6/20/1992	172	12.5875	5.5	6.1668	6.1668	0.0000	6.588	12.742
6/21/1992	173	12.5750	8.6	-0.6244	0.6244	-0.6244	6.575	0.680
6/22/1992	174	12.9208	14.1	-2.0617	2.0617	-2.0617	6.921	3.026
6/23/1992	175	12.9958	12.1	-5.0189	5.0189	-5.0189	6.996	9.377
6/24/1992	176	12.7217	7.3	-9.8520	9.8520	-9.8520	6.722	22.878
6/25/1992	177	12.4792	11.8	-9.8048	9.8048	-9.8048	6.479	23.342
6/26/1992	178	12.9333	10.7	-5.3208	5.3208	-5.3208	6.933	10.170
6/27/1992	179	13.5917	10.8	2.8549	2.8549	0.0000	7.592	4.297
6/28/1992	180	14.4208	2.4	-0.1308	0.1308	-0.1308	8.421	0.077
6/29/1992	181	13.8875	0.0	-4.0661	4.0661	-4.0661	7.888	6.574
6/30/1992	182	13.4000	9.2	3.8597	3.8597	0.0000	7.400	6.437
7/1/1992	183	14.3318	0.0	0.3004	0.3004	0.0000	8.332	0.225

7/2/1992	184	14.2583	0.0	1.2751	1.2751	0.0000	8.258	1.442
7/3/1992	185	14.4375	0.0	0.5121	0.5121	0.0000	8.438	0.442
7/4/1992	186	14.6667	10.0	-3.4482	3.4482	-3.4482	8.667	4.978
7/5/1992	187	14.5333	1.9	-4.8836	4.8836	-4.8836	8.533	7.858
7/6/1992	188	14.4833	2.3	0.0491	0.0491	0.0000	8.483	0.022
7/7/1992	189	14.3333	4.4	-3.7198	3.7198	-3.7198	8.333	5.641
7/8/1992	190	14.1708	11.0	-5.5646	5.5646	-5.5646	8.171	9.579
7/9/1992	191	14.2783	8.6	-6.8447	6.8447	-6.8447	8.278	12.370
7/10/1992	192	14.4458	8.2	-3.8365	3.8365	-3.8365	8.446	5.812
7/11/1992	193	14.5458	7.1	-1.9965	1.9965	-1.9965	8.546	2.498
7/12/1992	194	14.7458	0.2	0.4967	0.4967	0.0000	8.746	0.414
7/13/1992	195	14.8125	0.1	-0.6883	0.6883	-0.6883	8.813	0.625
7/14/1992	196	15.2208	8.9	-1.9904	1.9904	-1.9904	9.221	2.357
7/15/1992	197	15.8667	10.8	-0.4505	0.4505	-0.4505	9.867	0.335
7/16/1992	198	15.4708	13.2	-4.5826	4.5826	-4.5826	9.471	6.724
7/17/1992	199	14.7708	12.0	-10.7066	10.7066	-10.7066	8.771	21.045
7/18/1992	200	14.1048	10.8	-11.8574	11.8574	-11.8574	8.105	25.374
7/19/1992	201	13.9571	13.5	-11.4230	11.4230	-11.4230	7.957	24.510
7/20/1992	202	13.9375	8.9	-12.0359	12.0359	-12.0359	7.938	26.252
7/21/1992	203	12.6773	8.4	-9.9634	9.9634	-9.9634	6.677	23.319
7/22/1992	204	12.4957	2.6	-9.3643	9.3643	-9.3643	6.496	21.968
7/23/1992	205	11.3417	7.8	-6.6988	6.6988	-6.6988	5.342	16.453
7/24/1992	206	12.2000	8.3	2.5536	2.5536	0.0000	6.200	4.304
7/25/1992	207	14.3292	1.8	3.7055	3.7055	0.0000	8.329	5.615
7/26/1992	208	14.6250	6.3	1.4242	1.4242	0.0000	8.625	1.611
7/27/1992	209	14.3083	7.7	4.2499	4.2499	0.0000	8.308	6.704
7/28/1992	210	14.7500	8.4	0.0908	0.0908	0.0000	8.750	0.047
7/29/1992	211	14.9125	11.8	-3.4402	3.4402	-3.4402	8.913	4.865
7/30/1992	212	14.7875	12.6	-8.8675	8.8675	-8.8675	8.788	16.511
7/31/1992	213	14.1565	8.4	-10.3382	10.3382	-10.3382	8.157	21.193
8/1/1992	214	13.0304	5.1	-5.1999	5.1999	-5.1999	7.030	9.778
8/2/1992	215	14.0833	9.3	-1.6729	1.6729	-1.6729	8.083	2.073
8/3/1992	216	14.5417	6.8	-7.3472	7.3472	-7.3472	8.542	13.244
8/4/1992	217	14.6435	6.8	-4.8876	4.8876	-4.8876	8.643	7.794
8/5/1992	218	15.0833	3.7	7.9585	7.9585	0.0000	9.083	14.041
8/6/1992	219	14.8167	2.6	3.7117	3.7117	0.0000	8.817	5.403
8/7/1992	220	14.8208	3.7	3.1933	3.1933	0.0000	8.821	4.455
8/8/1992	221	15.0958	2.1	8.3675	8.3675	0.0000	9.096	14.956
8/9/1992	222	14.9875	0.1	8.0557	8.0557	0.0000	8.988	14.369
8/10/1992	223	14.9083	8.5	9.2271	9.2271	0.0000	8.908	17.205
8/11/1992	224	15.0292	12.5	1.2774	1.2774	0.0000	9.029	1.356
8/12/1992	225	15.1750	11.2	-5.1643	5.1643	-5.1643	9.175	8.014
8/13/1992	226	14.7792	12.4	-9.4169	9.4169	-9.4169	8.779	17.844
8/14/1992	227	14.9833	13.5	-3.9092	3.9092	-3.9092	8.983	5.697
8/15/1992	228	15.3043	11.7	-4.3632	4.3632	-4.3632	9.304	6.395
8/16/1992	229	15.3583	11.6	-1.2657	1.2657	-1.2657	9.358	1.306
8/17/1992	230	15.5625	7.1	-4.9005	4.9005	-4.9005	9.563	7.276
8/18/1992	231	15.3292	12.8	-9.9628	9.9628	-9.9628	9.329	18.364
8/19/1992	232	15.0375	9.9	-11.7406	11.7406	-11.7406	9.038	23.179
8/20/1992	233	14.9182	11.9	-11.8362	11.8362	-11.8362	8.918	23.645
8/21/1992	234	14.7261	7.5	-10.4292	10.4292	-10.4292	8.726	20.424
8/22/1992	235	14.9875	8.5	-5.8735	5.8735	-5.8735	8.988	9.590

8/23/1992	236	13.9042	11.1	-3.1166	3.1166	-3.1166	7.904	4.671
8/24/1992	237	14.6875	7.1	1.4273	1.4273	0.0000	8.688	1.607
8/25/1992	238	14.9750	0.4	4.7633	4.7633	0.0000	8.975	7.341
8/26/1992	239	14.9000	2.2	-3.3004	3.3004	-3.3004	8.900	4.618
8/27/1992	240	14.7318	12.6	-8.0328	8.0328	-8.0328	8.732	14.615
8/28/1992	241	14.2875	6.4	-6.7576	6.7576	-6.7576	8.288	12.159
8/29/1992	242	14.6292	0.0	8.0190	8.0190	0.0000	8.629	14.707
8/30/1992	243	14.6958	0.0	5.9660	5.9660	0.0000	8.696	10.017
8/31/1992	244	14.8833	6.2	-3.8849	3.8849	-3.8849	8.883	5.697
9/1/1992	245	14.8958	6.1	-3.3055	3.3055	-3.3055	8.896	4.628
9/2/1992	246	14.8583	2.3	-0.5595	0.5595	-0.5595	8.858	0.478
9/3/1992	247	14.5833	2.7	-4.7755	4.7755	-4.7755	8.583	7.604
9/4/1992	248	13.9333	6.7	-5.1199	5.1199	-5.1199	7.933	8.793
9/5/1992	249	14.1583	9.9	-3.2903	3.2903	-3.2903	8.158	4.894
9/6/1992	250	14.6583	2.3	5.7339	5.7339	0.0000	8.658	9.550
9/7/1992	251	14.4333	0.0	7.3678	7.3678	0.0000	8.433	13.414
9/8/1992	252	14.2958	3.8	-2.0535	2.0535	-2.0535	8.296	2.645
9/9/1992	253	13.9083	0.0	5.2782	5.2782	0.0000	7.908	9.164
9/10/1992	254	13.9167	4.5	-0.8195	0.8195	-0.8195	7.917	0.844
9/11/1992	255	13.8292	8.3	-4.0471	4.0471	-4.0471	7.829	6.570
9/12/1992	256	13.9417	5.9	-5.8009	5.8009	-5.8009	7.942	10.310
9/13/1992	257	13.9208	3.5	-6.1986	6.1986	-6.1986	7.921	11.244
9/14/1992	258	13.5917	10.1	-5.8010	5.8010	-5.8010	7.592	10.647
9/15/1992	259	13.4958	8.0	-1.4422	1.4422	-1.4422	7.496	1.809
9/16/1992	260	13.2682	2.0	0.3081	0.3081	0.0000	7.268	0.256
9/17/1992	261	13.4417	8.1	1.1211	1.1211	0.0000	7.442	1.317
9/18/1992	262	13.6917	0.0	10.4822	10.4822	0.0000	7.692	22.495
9/19/1992	263	13.3833	0.0	6.5290	6.5290	0.0000	7.383	12.635
9/20/1992	264	13.3750	0.0	-1.0525	1.0525	-1.0525	7.375	1.223
9/21/1992	265	13.5792	1.1	6.2251	6.2251	0.0000	7.579	11.667
9/22/1992	266	13.5583	2.8	6.1871	6.1871	0.0000	7.558	11.599
9/23/1992	267	13.5833	0.2	6.3723	6.3723	0.0000	7.583	12.017
9/24/1992	268	13.5261	0.1	-4.7220	4.7220	-4.7220	7.526	8.232
9/25/1992	269	13.5750	0.6	0.7415	0.7415	0.0000	7.575	0.766
9/26/1992	270	13.4542	8.4	0.8720	0.8720	0.0000	7.454	0.954
9/27/1992	271	13.1250	1.5	7.3791	7.3791	0.0000	7.125	15.159
9/28/1992	272	12.7458	0.0	17.5835	17.5835	0.0000	6.746	47.898
9/29/1992	273	12.4000	9.0	10.3317	10.3317	0.0000	6.400	25.179
9/30/1992	274	11.9250	0.0	0.3288	0.3288	0.0000	5.925	0.322
10/1/1992	275	11.0375	5.9	-2.9490	2.9490	-2.9490	5.038	6.002
10/2/1992	276	11.0458	0.0	0.4938	0.4938	0.0000	5.046	0.609
10/3/1992	277	11.0500	3.6	0.3995	0.3995	0.0000	5.050	0.464
10/4/1992	278	11.1417	7.3	1.1926	1.1926	0.0000	5.142	1.857
10/5/1992	279	11.2667	7.6	-5.2354	5.2354	-5.2354	5.267	12.123
10/6/1992	280	10.9750	5.0	-1.8679	1.8679	-1.8679	4.975	3.375
10/7/1992	281	10.9542	0.0	7.6289	7.6289	0.0000	4.954	20.505
10/8/1992	282	10.7250	1.4	0.1221	0.1221	0.0000	4.725	0.107
10/9/1992	283	10.9087	0.0	7.5484	7.5484	0.0000	4.909	20.362
10/10/1992	284	11.2042	0.0	0.9096	0.9096	0.0000	5.204	1.301
10/11/1992	285	10.9375	0.3	-4.0985	4.0985	-4.0985	4.938	9.279
10/12/1992	286	10.7417	6.0	-9.0408	9.0408	-9.0408	4.742	26.294
10/13/1992	287	10.6125	8.5	-7.1176	7.1176	-7.1176	4.613	19.745

10/14/1992	288	10.4958	7.6	-7.6882	7.6882	-7.6882	4.496	22.196
10/15/1992	289	10.3042	5.6	1.3477	1.3477	0.0000	4.304	2.465
10/16/1992	290	10.3042	0.0	7.9359	7.9359	0.0000	4.304	23.845
10/17/1992	291	10.3958	0.0	6.8493	6.8493	0.0000	4.396	19.454
10/18/1992	292	10.5500	1.8	5.1079	5.1079	0.0000	4.550	13.039
10/19/1992	293	10.6458	0.0	15.1317	15.1317	0.0000	4.646	51.581
10/20/1992	294	10.6609	0.7	3.7065	3.7065	0.0000	4.661	8.502
10/21/1992	295	10.5792	0.5	6.6354	6.6354	0.0000	4.579	18.143
10/22/1992	296	10.5083	2.0	11.4337	11.4337	0.0000	4.508	36.816
10/23/1992	297	10.5458	0.0	8.3632	8.3632	0.0000	4.546	24.526
10/24/1992	298	10.6625	7.0	3.2689	3.2689	0.0000	4.663	7.237
10/25/1992	299	10.8261	0.3	4.9987	4.9987	0.0000	4.826	12.161
10/26/1992	300	10.6750	6.8	-4.2105	4.2105	-4.2105	4.675	9.987
10/27/1992	301	10.4417	3.0	7.3373	7.3373	0.0000	4.442	21.089
10/28/1992	302	10.5000	0.0	1.9333	1.9333	0.0000	4.500	3.790
10/29/1992	303	10.6042	0.0	3.5238	3.5238	0.0000	4.604	8.039
10/30/1992	304	10.6348	0.6	7.3313	7.3313	0.0000	4.635	20.437
10/31/1992	305	10.5875	0.0	10.7000	10.7000	0.0000	4.588	33.402
11/1/1992	306	10.6167	0.0	6.2229	6.2229	0.0000	4.617	16.615
11/2/1992	307	10.6750	3.3	6.0795	6.0795	0.0000	4.675	15.983
11/3/1992	308	10.7609	0.0	12.6910	12.6910	0.0000	4.761	40.469
11/4/1992	309	10.7458	1.4	3.9293	3.9293	0.0000	4.746	9.044
11/5/1992	310	10.7500	1.7	4.4883	4.4883	0.0000	4.750	10.716
11/6/1992	311	10.2750	0.0	10.7691	10.7691	0.0000	4.275	35.418
11/7/1992	312	10.6000	0.1	-1.3654	1.3654	-1.3654	4.600	2.390
11/8/1992	313	11.0583	0.3	-7.6997	7.6997	-7.6997	5.058	20.443
11/9/1992	314	10.7250	6.1	-3.5321	3.5321	-3.5321	4.725	7.915
11/10/1992	315	10.7333	0.0	4.4066	4.4066	0.0000	4.733	10.493
11/11/1992	316	10.7130	1.0	0.2939	0.2939	0.0000	4.713	0.329
11/12/1992	317	10.6292	0.0	8.9771	8.9771	0.0000	4.629	26.507
11/13/1992	318	10.6083	6.5	10.4951	10.4951	0.0000	4.608	32.480
11/14/1992	319	10.7792	0.5	10.5520	10.5520	0.0000	4.779	31.866
11/15/1992	320	10.5833	0.0	0.4258	0.4258	0.0000	4.583	0.539
11/16/1992	321	10.5042	0.9	0.8304	0.8304	0.0000	4.504	1.284
11/17/1992	322	10.4792	0.5	6.3435	6.3435	0.0000	4.479	17.400
11/18/1992	323	10.3208	0.0	8.8577	8.8577	0.0000	4.321	27.371
11/19/1992	324	10.2208	1.2	4.5124	4.5124	0.0000	4.221	11.739
11/20/1992	325	9.9917	0.0	1.9929	1.9929	0.0000	3.992	4.292
11/21/1992	326	9.9136	0.0	-0.0977	0.0977	-0.0977	3.914	0.092
11/22/1992	327	10.0391	7.4	-7.6810	7.6810	-7.6810	4.039	23.931
11/23/1992	328	10.1087	4.8	5.8780	5.8780	0.0000	4.109	16.786
11/24/1992	329	10.1083	3.0	11.9165	11.9165	0.0000	4.108	41.479
11/25/1992	330	10.0833	2.6	12.5694	12.5694	0.0000	4.083	44.604
11/26/1992	331	10.0125	0.0	14.5690	14.5690	0.0000	4.013	54.560
11/27/1992	332	9.9348	0.9	-8.9585	8.9585	-8.9585	3.935	29.690
11/28/1992	333	9.8250	1.3	5.3411	5.3411	0.0000	3.825	15.627
11/29/1992	334	9.6750	0.0	10.1546	10.1546	0.0000	3.675	36.598
11/30/1992	335	9.9583	4.3	-2.0926	2.0926	-2.0926	3.958	4.596
12/1/1992	336	9.9417	1.0	1.3905	1.3905	0.0000	3.942	2.732
12/2/1992	337	9.6652	3.4	-10.0157	10.0157	-10.0157	3.665	36.027
12/3/1992	338	9.2208	5.2	-1.7349	1.7349	-1.7349	3.221	4.189
12/4/1992	339	9.5304	2.9	9.4525	9.4525	0.0000	3.530	34.361

12/5/1992	340	9.6125	0.3	6.5066	6.5066	0.0000	3.613	20.957
12/6/1992	341	9.5792	1.0	10.6864	10.6864	0.0000	3.579	39.813
12/7/1992	342	9.5625	0.6	7.4685	7.4685	0.0000	3.563	25.253
12/8/1992	343	9.5667	0.5	13.3304	13.3304	0.0000	3.567	52.967
12/9/1992	344	9.5000	0.0	1.9283	1.9283	0.0000	3.500	4.519
12/10/1992	345	9.3250	3.7	2.6573	2.6573	0.0000	3.325	7.067
12/11/1992	346	9.2500	6.1	4.8000	4.8000	0.0000	3.250	15.312
12/12/1992	347	9.3250	0.0	11.6534	11.6534	0.0000	3.325	46.884
12/13/1992	348	9.4583	0.0	11.7772	11.7772	0.0000	3.458	46.206
12/14/1992	349	9.2792	0.7	-2.4814	2.4814	-2.4814	3.279	6.538
12/15/1992	350	8.9375	0.0	-2.5024	2.5024	-2.5024	2.938	7.149
12/16/1992	351	8.9542	0.0	-3.1161	3.1161	-3.1161	2.954	9.429
12/17/1992	352	8.8583	5.9	-11.6447	11.6447	-11.6447	2.858	52.180
12/18/1992	353	8.7682	0.0	-3.7569	3.7569	-3.7569	2.768	12.548
12/19/1992	354	8.6783	0.0	1.5140	1.5140	0.0000	2.678	4.014
12/20/1992	355	8.4957	0.0	-4.5636	4.5636	-4.5636	2.496	17.332
12/21/1992	356	8.4261	0.3	-2.7597	2.7597	-2.7597	2.426	9.290
12/22/1992	357	8.4652	0.0	-3.4547	3.4547	-3.4547	2.465	12.243
12/23/1992	358	8.6739	0.7	4.8645	4.8645	0.0000	2.674	17.904
12/24/1992	359	8.7000	3.2	-6.1482	6.1482	-6.1482	2.700	23.995
12/25/1992	360	8.6333	0.0	3.3453	3.3453	0.0000	2.633	11.209
12/26/1992	361	8.5565	3.4	-6.1833	6.1833	-6.1833	2.557	25.132
12/27/1992	362	8.0500	5.4	1.0009	1.0009	0.0000	2.050	2.860
12/28/1992	363	7.5000	0.0	-3.9470	3.9470	-3.9470	1.500	20.702
12/29/1992	364	7.5905	0.0	-2.6999	2.6999	-2.6999	1.590	12.211
12/30/1992	365	7.6333	4.6	-1.6767	1.6767	-1.6767	1.633	6.512
12/31/1992	366	7.5435	4.0	-3.7534	3.7534	-3.7534	1.543	19.019
1/1/1993	1	7.5042	0.8	-5.9304	5.9304	-5.9304	1.504	34.792
1/2/1993	2	7.7542	2.1	-1.0798	1.0798	-1.0798	1.754	3.523
1/3/1993	3	7.9417	0.0	-3.8498	3.8498	-3.8498	1.942	16.677
1/4/1993	4	7.6583	5.8	-4.6206	4.6206	-4.6206	1.658	23.577
1/5/1993	5	7.3565	6.5	-7.4301	7.4301	-7.4301	1.357	49.985
1/6/1993	6	7.2542	6.6	-3.9479	3.9479	-3.9479	1.254	23.531
1/7/1993	7	7.3250	0.6	-5.6939	5.6939	-5.6939	1.325	36.156
1/8/1993	8	7.4000	6.1	-8.9998	8.9998	-8.9998	1.400	62.460
1/9/1993	9	7.2091	6.3	-4.4876	4.4876	-4.4876	1.209	28.459
1/10/1993	10	7.0208	0.4	-0.7134	0.7134	-0.7134	1.021	3.051
1/11/1993	11	6.9958	5.4	3.5859	3.5859	0.0000	0.996	24.530
1/12/1993	12	7.0792	6.2	0.2347	0.2347	0.0000	1.079	0.706
1/13/1993	13	7.0542	6.1	-2.9063	2.9063	-2.9063	1.054	17.999
1/14/1993	14	6.9125	6.8	-4.2883	4.2883	-4.2883	0.913	32.827
1/15/1993	15	6.5583	1.5	0.7657	0.7657	0.0000	0.558	5.138
1/16/1993	16	6.5375	7.2	-0.9543	0.9543	-0.9543	0.538	6.999
1/17/1993	17	6.5333	7.3	1.2238	1.2238	0.0000	0.533	9.676
1/18/1993	18	6.8875	3.5	10.1684	10.1684	0.0000	0.888	101.114
1/19/1993	19	7.0250	0.0	16.2821	16.2821	0.0000	1.025	166.667
1/20/1993	20	6.8875	2.6	1.4492	1.4492	0.0000	0.888	8.352
1/21/1993	21	7.0542	3.9	2.7142	2.7142	0.0000	1.054	16.490
1/22/1993	22	6.8958	2.3	-0.8756	0.8756	-0.8756	0.896	4.353
1/23/1993	23	6.8273	0.0	11.9605	11.9605	0.0000	0.827	130.868
1/24/1993	24	7.3375	0.0	12.4813	12.4813	0.0000	1.338	98.074
1/25/1993	25	7.3708	2.8	5.3323	5.3323	0.0000	1.371	32.446

1/26/1993	26	7.7773	0.0	6.1135	6.1135	0.0000	1.777	32.110
1/27/1993	27	7.7083	0.0	0.7323	0.7323	0.0000	1.708	2.184
1/28/1993	28	7.6565	6.2	6.4444	6.4444	0.0000	1.657	36.121
1/29/1993	29	7.9913	0.0	14.8895	14.8895	0.0000	1.991	92.517
1/30/1993	30	7.5917	4.9	13.6943	13.6943	0.0000	1.592	97.537
1/31/1993	31	7.4375	5.2	12.2596	12.2596	0.0000	1.438	91.040
2/1/1993	32	7.4182	5.7	5.0961	5.0961	0.0000	1.418	29.884
2/2/1993	33	7.6083	5.1	7.5449	7.5449	0.0000	1.608	45.140
2/3/1993	34	7.5875	0.0	11.5858	11.5858	0.0000	1.588	78.892
2/4/1993	35	7.5318	0.0	10.2104	10.2104	0.0000	1.532	68.843
2/5/1993	36	8.0708	0.0	13.8350	13.8350	0.0000	2.071	81.893
2/6/1993	37	8.2957	0.0	13.0263	13.0263	0.0000	2.296	70.438
2/7/1993	38	8.0542	0.0	10.6186	10.6186	0.0000	2.054	58.703
2/8/1993	39	7.8333	8.5	-0.8660	0.8660	-0.8660	1.833	2.574
2/9/1993	40	7.7261	0.9	0.4123	0.4123	0.0000	1.726	1.039
2/10/1993	41	7.9208	7.5	5.3972	5.3972	0.0000	1.921	25.899
2/11/1993	42	8.4474	5.4	-3.2372	3.2372	-3.2372	2.447	11.324
2/12/1993	43	8.4542	0.0	-4.2395	4.2395	-4.2395	2.454	15.962
2/13/1993	44	8.4167	0.0	0.4703	0.4703	0.0000	2.417	0.967
2/14/1993	45	8.3458	3.7	-1.5940	1.5940	-1.5940	2.346	4.713
2/15/1993	46	8.2364	7.8	-4.1154	4.1154	-4.1154	2.236	16.421
2/16/1993	47	8.1792	8.5	-4.6629	4.6629	-4.6629	2.179	19.627
2/17/1993	48	8.1625	8.8	-1.9509	1.9509	-1.9509	2.163	6.469
2/18/1993	49	8.0261	4.9	-2.6120	2.6120	-2.6120	2.026	9.847
2/19/1993	50	7.5625	8.6	-3.9527	3.9527	-3.9527	1.563	20.144
2/20/1993	51	7.2917	8.8	-3.9021	3.9021	-3.9021	1.292	22.699
2/21/1993	52	7.0304	9.1	-1.1814	1.1814	-1.1814	1.030	5.780
2/22/1993	53	7.0696	5.0	-3.3167	3.3167	-3.3167	1.070	21.094
2/23/1993	54	7.0583	9.2	-1.9166	1.9166	-1.9166	1.058	10.533
2/24/1993	55	7.0792	9.2	-2.6779	2.6779	-2.6779	1.079	15.939
2/25/1993	56	7.4083	2.8	5.3171	5.3171	0.0000	1.408	31.711
2/26/1993	57	7.3913	0.0	10.9673	10.9673	0.0000	1.391	80.806
2/27/1993	58	7.0400	0.0	13.4920	13.4920	0.0000	1.040	129.675
2/28/1993	59	6.7917	0.0	15.0613	15.0613	0.0000	0.792	181.395
3/1/1993	60	7.2250	0.3	9.0220	9.0220	0.0000	1.225	68.925
3/2/1993	61	7.2500	1.3	4.3030	4.3030	0.0000	1.250	26.336
3/3/1993	62	7.2500	0.0	11.1878	11.1878	0.0000	1.250	89.479
3/4/1993	63	7.6083	3.6	8.5607	8.5607	0.0000	1.608	53.062
3/5/1993	64	7.4625	0.0	10.9792	10.9792	0.0000	1.463	78.086
3/6/1993	65	7.5292	0.0	3.6042	3.6042	0.0000	1.529	18.177
3/7/1993	66	7.5375	0.0	-3.3113	3.3113	-3.3113	1.538	16.246
3/8/1993	67	7.4500	9.4	-5.5585	5.5585	-5.5585	1.450	32.874
3/9/1993	68	7.4542	10.0	-6.2153	6.2153	-6.2153	1.454	37.848
3/10/1993	69	7.3542	8.5	-7.4930	7.4930	-7.4930	1.354	50.590
3/11/1993	70	7.3708	6.9	-0.0306	0.0306	-0.0306	1.371	0.044
3/12/1993	71	7.4125	9.6	5.3405	5.3405	0.0000	1.413	31.823
3/13/1993	72	7.4750	2.0	1.1782	1.1782	0.0000	1.475	4.458
3/14/1993	73	7.4333	0.7	-2.7054	2.7054	-2.7054	1.433	13.187
3/15/1993	74	7.3130	3.7	1.8643	1.8643	0.0000	1.313	8.716
3/16/1993	75	7.2957	7.7	7.8918	7.8918	0.0000	1.296	55.794
3/17/1993	76	7.3417	8.1	-1.0262	1.0262	-1.0262	1.342	3.997
3/18/1993	77	7.3625	5.7	-2.7019	2.7019	-2.7019	1.363	13.650

3/19/1993	78	7.3667	0.0	8.8728	8.8728	0.0000	1.367	62.398
3/20/1993	79	7.4000	0.0	11.6178	11.6178	0.0000	1.400	86.605
3/21/1993	80	7.4000	0.0	10.8894	10.8894	0.0000	1.400	79.716
3/22/1993	81	7.4792	0.3	13.0144	13.0144	0.0000	1.479	96.291
3/23/1993	82	7.6292	2.9	7.4342	7.4342	0.0000	1.629	43.889
3/24/1993	83	7.8708	9.4	0.8925	0.8925	0.0000	1.871	2.637
3/25/1993	84	7.8250	10.0	-3.4149	3.4149	-3.4149	1.825	14.952
3/26/1993	85	7.7083	10.1	-7.5108	7.5108	-7.5108	1.708	42.987
3/27/1993	86	7.7739	9.2	-3.8297	3.8297	-3.8297	1.774	17.670
3/28/1993	87	7.8625	7.4	2.3449	2.3449	0.0000	1.863	9.108
3/29/1993	88	7.7083	3.9	7.1581	7.1581	0.0000	1.708	40.420
3/30/1993	89	7.6571	2.5	7.3086	7.3086	0.0000	1.657	42.423
3/31/1993	90	7.6542	0.3	2.5482	2.5482	0.0000	1.654	11.026
4/1/1993	91	7.7208	0.0	4.6345	4.6345	0.0000	1.721	23.051
4/2/1993	92	7.9167	3.3	0.8634	0.8634	0.0000	1.917	2.484
4/3/1993	93	8.0208	4.5	5.4734	5.4734	0.0000	2.021	25.430
4/4/1993	94	7.9708	3.0	5.3118	5.3118	0.0000	1.971	24.914
4/5/1993	95	7.9917	2.7	3.5272	3.5272	0.0000	1.992	14.642
4/6/1993	96	8.1667	7.3	0.0704	0.0704	0.0000	2.167	0.092
4/7/1993	97	8.2042	0.0	8.8027	8.8027	0.0000	2.204	43.909
4/8/1993	98	8.1000	4.0	8.9047	8.9047	0.0000	2.100	46.128
4/9/1993	99	8.0792	3.0	7.0576	7.0576	0.0000	2.079	34.500
4/10/1993	100	8.1917	6.1	0.4435	0.4435	0.0000	2.192	0.962
4/11/1993	101	8.1333	9.8	-8.3053	8.3053	-8.3053	2.133	41.720
4/12/1993	102	8.1000	0.0	7.4359	7.4359	0.0000	2.100	36.624
4/13/1993	103	7.9042	0.4	8.3886	8.3886	0.0000	1.904	45.828
4/14/1993	104	8.0750	1.1	6.0335	6.0335	0.0000	2.075	28.268
4/15/1993	105	8.0833	5.6	10.1748	10.1748	0.0000	2.083	55.025
4/16/1993	106	8.1667	0.0	9.9519	9.9519	0.0000	2.167	52.010
4/17/1993	107	8.2583	4.5	2.7090	2.7090	0.0000	2.258	9.548
4/18/1993	108	8.4250	1.5	1.1247	1.1247	0.0000	2.425	2.945
4/19/1993	109	8.5250	9.6	3.5993	3.5993	0.0000	2.525	12.684
4/20/1993	110	8.6292	0.0	0.4044	0.4044	0.0000	2.629	0.751
4/21/1993	111	8.6208	2.7	1.8913	1.8913	0.0000	2.621	5.420
4/22/1993	112	8.6333	0.7	2.9601	2.9601	0.0000	2.633	9.584
4/23/1993	113	8.7375	1.4	2.8484	2.8484	0.0000	2.738	8.874
4/24/1993	114	8.8435	3.8	4.5937	4.5937	0.0000	2.843	15.923
4/25/1993	115	8.7958	5.0	7.8100	7.8100	0.0000	2.796	31.791
4/26/1993	116	8.6391	1.8	9.6008	9.6008	0.0000	2.639	43.147
4/27/1993	117	8.6917	1.0	3.0812	3.0812	0.0000	2.692	9.932
4/28/1993	118	8.7130	2.1	9.2686	9.2686	0.0000	2.713	40.440
4/29/1993	119	8.7696	0.1	5.6126	5.6126	0.0000	2.770	20.968
4/30/1993	120	8.8167	4.7	4.1280	4.1280	0.0000	2.817	13.982
5/1/1993	121	8.9000	0.5	9.5220	9.5220	0.0000	2.900	39.915
5/2/1993	122	8.8208	4.2	5.0050	5.0050	0.0000	2.821	17.872
5/3/1993	123	8.8875	0.2	0.2029	0.2029	0.0000	2.888	0.290
5/4/1993	124	8.9792	1.8	2.7916	2.7916	0.0000	2.979	8.142
5/5/1993	125	8.8292	0.0	13.0409	13.0409	0.0000	2.829	60.762
5/6/1993	126	8.8708	8.3	4.5652	4.5652	0.0000	2.871	15.690
5/7/1993	127	9.1083	0.3	9.7863	9.7863	0.0000	3.108	39.341
5/8/1993	128	9.0625	0.6	2.0188	2.0188	0.0000	3.063	5.272
5/9/1993	129	9.0792	0.2	4.1808	4.1808	0.0000	3.079	13.335

5/10/1993	130	9.2333	0.0	2.7175	2.7175	0.0000	3.233	7.419
5/11/1993	131	9.1708	9.5	-7.0008	7.0008	-7.0008	3.171	25.262
5/12/1993	132	9.2667	9.6	-10.1434	10.1434	-10.1434	3.267	39.752
5/13/1993	133	9.4792	2.9	-4.0244	4.0244	-4.0244	3.479	11.639
5/14/1993	134	9.5958	8.6	-0.8246	0.8246	-0.8246	3.596	1.494
5/15/1993	135	9.9500	7.7	1.4665	1.4665	0.0000	3.950	2.920
5/16/1993	136	10.2708	8.6	2.3596	2.3596	0.0000	4.271	5.076
5/17/1993	137	10.3042	8.6	1.6314	1.6314	0.0000	4.304	3.148
5/18/1993	138	10.8708	8.0	-4.1136	4.1136	-4.1136	4.871	9.414
5/19/1993	139	10.8130	0.0	0.6935	0.6935	0.0000	4.813	0.972
5/20/1993	140	10.6500	0.6	3.3413	3.3413	0.0000	4.650	7.457
5/21/1993	141	10.4739	0.0	5.4354	5.4354	0.0000	4.474	14.290
5/22/1993	142	10.6042	0.2	5.8511	5.8511	0.0000	4.604	15.385
5/23/1993	143	11.0083	11.4	-3.0057	3.0057	-3.0057	5.008	6.176
5/24/1993	144	10.8375	14.3	-6.3148	6.3148	-6.3148	4.838	16.374
5/25/1993	145	10.9250	14.4	-4.5640	4.5640	-4.5640	4.925	10.669
5/26/1993	146	11.6083	14.2	-5.8729	5.8729	-5.8729	5.608	13.427
5/27/1993	147	12.1708	9.0	-0.1344	0.1344	-0.1344	6.171	0.100
5/28/1993	148	11.7083	0.5	1.9196	1.9196	0.0000	5.708	3.169
5/29/1993	149	11.6208	2.6	2.0233	2.0233	0.0000	5.621	3.427
5/30/1993	150	11.7833	2.5	1.1723	1.1723	0.0000	5.783	1.670
5/31/1993	151	12.2083	0.0	-2.5062	2.5062	-2.5062	6.208	4.198
6/1/1993	152	12.1667	1.4	2.8320	2.8320	0.0000	6.167	4.933
6/2/1993	153	12.8000	10.4	-0.2287	0.2287	-0.2287	6.800	0.184
6/3/1993	154	13.2083	0.0	-0.3888	0.3888	-0.3888	7.208	0.347
6/4/1993	155	13.1708	6.3	-1.8232	1.8232	-1.8232	7.171	2.521
6/5/1993	156	13.1917	6.6	-3.0591	3.0591	-3.0591	7.192	4.879
6/6/1993	157	13.4542	1.0	-2.5554	2.5554	-2.5554	7.454	3.777
6/7/1993	158	13.1292	0.1	-3.8703	3.8703	-3.8703	7.129	6.634
6/8/1993	159	12.9500	3.8	2.6774	2.6774	0.0000	6.950	4.215
6/9/1993	160	12.2833	1.0	5.8581	5.8581	0.0000	6.283	12.341
6/10/1993	161	11.5375	2.3	8.0269	8.0269	0.0000	5.538	20.212
6/11/1993	162	12.0333	14.6	-0.2970	0.2970	-0.2970	6.033	0.280
6/12/1993	163	12.8708	13.7	-1.4767	1.4767	-1.4767	6.871	1.984
6/13/1993	164	13.3042	3.0	-0.9300	0.9300	-0.9300	7.304	1.051
6/14/1993	165	13.0870	0.0	-0.0646	0.0646	-0.0646	7.087	0.035
6/15/1993	166	12.9833	11.6	-2.3572	2.3572	-2.3572	6.983	3.569
6/16/1993	167	13.1174	4.3	-3.1648	3.1648	-3.1648	7.117	5.133
6/17/1993	168	13.0083	0.5	5.2367	5.2367	0.0000	7.008	9.889
6/18/1993	169	12.8750	0.6	-0.0424	0.0424	-0.0424	6.875	0.021
6/19/1993	170	12.9542	8.5	0.3052	0.3052	0.0000	6.954	0.261
6/20/1993	171	13.4783	11.0	-0.4053	0.4053	-0.4053	7.478	0.357
6/21/1993	172	13.7667	0.6	-2.8900	2.8900	-2.8900	7.767	4.294
6/22/1993	173	13.3917	5.1	-0.7672	0.7672	-0.7672	7.392	0.815
6/23/1993	174	13.5250	7.5	-0.4887	0.4887	-0.4887	7.525	0.451
6/24/1993	175	13.1167	0.0	7.2398	7.2398	0.0000	7.117	14.806
6/25/1993	176	13.8208	3.0	1.4479	1.4479	0.0000	7.821	1.764
6/26/1993	177	14.1708	0.2	0.2508	0.2508	0.0000	8.171	0.181
6/27/1993	178	13.9958	0.0	-5.2536	5.2536	-5.2536	7.996	9.038
6/28/1993	179	13.6333	5.6	-2.3346	2.3346	-2.3346	7.633	3.308
6/29/1993	180	13.7750	1.7	2.6052	2.6052	0.0000	7.775	3.757
6/30/1993	181	13.9217	0.0	1.8238	1.8238	0.0000	7.922	2.349

7/1/1993	182	14.1583	0.9	-1.7148	1.7148	-1.7148	8.158	2.125
7/2/1993	183	14.0375	4.1	-4.8681	4.8681	-4.8681	8.038	8.167
7/3/1993	184	14.1458	0.7	1.1455	1.1455	0.0000	8.146	1.269
7/4/1993	185	14.2667	9.1	-1.2038	1.2038	-1.2038	8.267	1.339
7/5/1993	186	14.0375	11.1	-6.6927	6.6927	-6.6927	8.038	12.275
7/6/1993	187	12.1875	13.5	-9.9369	9.9369	-9.9369	6.188	24.539
7/7/1993	188	11.0083	8.6	-11.0293	11.0293	-11.0293	5.008	32.614
7/8/1993	189	11.1652	3.1	-9.6171	9.6171	-9.6171	5.165	26.771
7/9/1993	190	11.1652	7.1	-9.4092	9.4092	-9.4092	5.165	26.033
7/10/1993	191	11.8250	0.0	-6.4826	6.4826	-6.4826	5.825	14.830
7/11/1993	192	12.8500	1.1	-4.1852	4.1852	-4.1852	6.850	7.544
7/12/1993	193	13.2958	5.4	-3.0833	3.0833	-3.0833	7.296	4.878
7/13/1993	194	13.9583	5.8	-0.2147	0.2147	-0.2147	7.958	0.151
7/14/1993	195	14.4917	6.9	-1.9412	1.9412	-1.9412	8.492	2.421
7/15/1993	196	14.3042	0.0	-3.6240	3.6240	-3.6240	8.304	5.469
7/16/1993	197	14.1333	8.3	-3.8181	3.8181	-3.8181	8.133	5.934
7/17/1993	198	14.3208	7.4	-0.0721	0.0721	-0.0721	8.321	0.036
7/18/1993	199	14.6583	7.7	1.5138	1.5138	0.0000	8.658	1.736
7/19/1993	200	14.5750	5.9	-4.8545	4.8545	-4.8545	8.575	7.771
7/20/1993	201	14.2292	3.2	-4.1815	4.1815	-4.1815	8.229	6.611
7/21/1993	202	14.0042	3.7	5.9800	5.9800	0.0000	8.004	10.659
7/22/1993	203	13.2417	0.0	9.8358	9.8358	0.0000	7.242	21.647
7/23/1993	204	13.5542	0.0	1.4975	1.4975	0.0000	7.554	1.888
7/24/1993	205	14.0708	13.6	-3.3883	3.3883	-3.3883	8.071	5.121
7/25/1993	206	13.6500	10.2	-8.8539	8.8539	-8.8539	7.650	18.193
7/26/1993	207	14.0208	6.1	-1.1192	1.1192	-1.1192	8.021	1.246
7/27/1993	208	14.6708	0.0	-0.3069	0.3069	-0.3069	8.671	0.225
7/28/1993	209	14.6708	3.6	-0.7514	0.7514	-0.7514	8.671	0.708
7/29/1993	210	14.7125	3.6	2.4321	2.4321	0.0000	8.713	3.172
7/30/1993	211	14.6250	2.8	7.7114	7.7114	0.0000	8.625	13.993
7/31/1993	212	14.1667	1.4	7.5156	7.5156	0.0000	8.167	14.078
8/1/1993	213	14.2958	10.1	3.5009	3.5009	0.0000	8.296	5.236
8/2/1993	214	14.5542	6.4	-7.5175	7.5175	-7.5175	8.554	13.624
8/3/1993	215	14.3500	8.7	-10.4189	10.4189	-10.4189	8.350	21.050
8/4/1993	216	14.6292	13.6	-7.2289	7.2289	-7.2289	8.629	12.878
8/5/1993	217	14.8292	13.7	-8.8122	8.8122	-8.8122	8.829	16.325
8/6/1993	218	14.6375	11.3	-11.0431	11.0431	-11.0431	8.638	22.136
8/7/1993	219	14.3833	6.1	-11.4924	11.4924	-11.4924	8.383	23.797
8/8/1993	220	14.5087	0.0	-2.6669	2.6669	-2.6669	8.509	3.630
8/9/1993	221	15.1957	5.9	2.3108	2.3108	0.0000	9.196	2.859
8/10/1993	222	15.5917	8.6	0.5970	0.5970	0.0000	9.592	0.491
8/11/1993	223	15.5625	6.2	0.4996	0.4996	0.0000	9.563	0.391
8/12/1993	224	15.6792	5.0	-0.8341	0.8341	-0.8341	9.679	0.748
8/13/1993	225	15.6417	0.0	-1.6667	1.6667	-1.6667	9.642	1.819
8/14/1993	226	15.3458	11.5	-1.7791	1.7791	-1.7791	9.346	2.022
8/15/1993	227	15.9950	9.2	-3.6675	3.6675	-3.6675	9.995	4.865
8/16/1993	228	16.0667	2.0	-4.2802	4.2802	-4.2802	10.067	5.898
8/17/1993	229	15.7792	10.0	3.5693	3.5693	0.0000	9.779	4.772
8/18/1993	230	15.6667	7.4	-1.1303	1.1303	-1.1303	9.667	1.104
8/19/1993	231	15.5130	4.9	-9.1340	9.1340	-9.1340	9.513	16.205
8/20/1993	232	15.3043	4.2	-2.8897	2.8897	-2.8897	9.304	3.774
8/21/1993	233	15.2542	4.9	6.7377	6.7377	0.0000	9.254	11.196

8/22/1993	234	15.0125	0.0	-0.8829	0.8829	-0.8829	9.013	0.846
8/23/1993	235	14.8227	4.0	-8.7704	8.7704	-8.7704	8.823	16.234
8/24/1993	236	14.6833	1.8	-6.2988	6.2988	-6.2988	8.683	10.748
8/25/1993	237	14.4083	11.4	-6.0232	6.0232	-6.0232	8.408	10.386
8/26/1993	238	14.1833	1.3	3.9776	3.9776	0.0000	8.183	6.226
8/27/1993	239	14.2083	6.4	0.2655	0.2655	0.0000	8.208	0.194
8/28/1993	240	14.7500	11.1	-5.4937	5.4937	-5.4937	8.750	8.973
8/29/1993	241	14.4833	6.0	-8.2639	8.2639	-8.2639	8.483	15.471
8/30/1993	242	14.7292	3.6	-9.6274	9.6274	-9.6274	8.729	18.431
8/31/1993	243	14.4000	7.6	-11.7517	11.7517	-11.7517	8.400	24.452
9/1/1993	244	14.1667	6.4	-12.9244	12.9244	-12.9244	8.167	28.179
9/2/1993	245	14.2957	8.2	-10.8472	10.8472	-10.8472	8.296	22.267
9/3/1993	246	14.3667	9.0	-11.0938	11.0938	-11.0938	8.367	22.778
9/4/1993	247	13.5875	4.8	-10.5739	10.5739	-10.5739	7.588	22.969
9/5/1993	248	13.8333	7.1	0.4910	0.4910	0.0000	7.833	0.441
9/6/1993	249	13.5375	6.0	-4.4875	4.4875	-4.4875	7.538	7.705
9/7/1993	250	14.3958	7.6	-6.6332	6.6332	-6.6332	8.396	11.764
9/8/1993	251	14.1625	2.2	-7.7909	7.7909	-7.7909	8.163	14.747
9/9/1993	252	13.4261	4.7	-6.9134	6.9134	-6.9134	7.426	13.539
9/10/1993	253	13.0208	1.5	-6.3006	6.3006	-6.3006	7.021	12.514
9/11/1993	254	14.1542	10.3	-9.5690	9.5690	-9.5690	8.154	19.200
9/12/1993	255	13.7708	10.0	-10.0350	10.0350	-10.0350	7.771	21.119
9/13/1993	256	14.5958	3.7	-5.4509	5.4509	-5.4509	8.596	8.997
9/14/1993	257	14.6083	6.5	-6.8967	6.8967	-6.8967	8.608	12.146
9/15/1993	258	14.7375	5.4	-6.0036	6.0036	-6.0036	8.738	10.063
9/16/1993	259	14.8750	6.5	-4.4633	4.4633	-4.4633	8.875	6.809
9/17/1993	260	14.7042	3.7	-5.0604	5.0604	-5.0604	8.704	8.108
9/18/1993	261	14.4375	9.9	-7.7409	7.7409	-7.7409	8.438	14.284
9/19/1993	262	13.9583	10.3	-10.6923	10.6923	-10.6923	7.958	22.519
9/20/1993	263	13.8500	9.9	-11.7738	11.7738	-11.7738	7.850	25.725
9/21/1993	264	13.6458	6.1	-10.2634	10.2634	-10.2634	7.646	21.989
9/22/1993	265	13.9000	7.3	-5.5250	5.5250	-5.5250	7.900	9.723
9/23/1993	266	13.9045	2.9	3.6801	3.6801	0.0000	7.905	5.777
9/24/1993	267	13.9500	0.7	3.5612	3.5612	0.0000	7.950	5.517
9/25/1993	268	13.8250	6.3	0.8998	0.8998	0.0000	7.825	0.959
9/26/1993	269	13.9042	8.8	3.2789	3.2789	0.0000	7.904	4.984
9/27/1993	270	13.6292	0.0	-5.1868	5.1868	-5.1868	7.629	9.194
9/28/1993	271	12.4500	6.2	-3.1966	3.1966	-3.1966	6.450	5.578
9/29/1993	272	13.5875	0.9	2.2646	2.2646	0.0000	7.588	3.195
9/30/1993	273	13.4958	9.7	-9.2094	9.2094	-9.2094	7.496	19.414
10/1/1993	274	13.6435	8.7	-8.8692	8.8692	-8.8692	7.643	18.245
10/2/1993	275	13.7833	6.5	-4.5505	4.5505	-4.5505	7.783	7.665
10/3/1993	276	13.8875	9.4	-2.8539	2.8539	-2.8539	7.888	4.179
10/4/1993	277	13.6958	2.1	5.9422	5.9422	0.0000	7.696	10.874
10/5/1993	278	13.6167	1.3	4.9857	4.9857	0.0000	7.617	8.750
10/6/1993	279	13.4958	3.4	-1.9692	1.9692	-1.9692	7.496	2.695
10/7/1993	280	13.4458	5.7	0.4004	0.4004	0.0000	7.446	0.353
10/8/1993	281	13.4667	4.9	2.3819	2.3819	0.0000	7.467	3.448
10/9/1993	282	13.5167	5.0	-6.6709	6.6709	-6.6709	7.517	12.823
10/10/1993	283	13.4833	6.8	-2.7567	2.7567	-2.7567	7.483	4.151
10/11/1993	284	13.3773	7.4	-4.6935	4.6935	-4.6935	7.377	8.286
10/12/1993	285	13.2609	0.0	-0.8907	0.8907	-0.8907	7.261	0.999

10/13/1993	286	13.1875	0.1	-2.7809	2.7809	-2.7809	7.188	4.320
10/14/1993	287	13.1208	2.8	-7.4368	7.4368	-7.4368	7.121	15.317
10/15/1993	288	12.9417	1.5	-7.1895	7.1895	-7.1895	6.942	14.938
10/16/1993	289	13.0083	4.3	5.3789	5.3789	0.0000	7.008	10.234
10/17/1993	290	12.8917	1.5	1.5407	1.5407	0.0000	6.892	2.090
10/18/1993	291	12.2083	2.6	1.4129	1.4129	0.0000	6.208	2.016
10/19/1993	292	11.8522	4.4	1.0622	1.0622	0.0000	5.852	1.459
10/20/1993	293	11.3042	0.0	7.6110	7.6110	0.0000	5.304	19.471
10/21/1993	294	11.4292	0.0	9.8283	9.8283	0.0000	5.429	26.564
10/22/1993	295	11.3652	2.5	7.8927	7.8927	0.0000	5.365	20.232
10/23/1993	296	11.3667	0.0	3.7238	3.7238	0.0000	5.367	7.733
10/24/1993	297	11.1833	2.7	-2.3813	2.3813	-2.3813	5.183	4.473
10/25/1993	298	11.1708	0.5	10.4473	10.4473	0.0000	5.171	29.741
10/26/1993	299	11.5917	0.7	8.7510	8.7510	0.0000	5.592	22.419
10/27/1993	300	11.5667	0.0	3.6313	3.6313	0.0000	5.567	7.295
10/28/1993	301	11.8167	0.0	2.2668	2.2668	0.0000	5.817	3.868
10/29/1993	302	11.6250	4.4	8.0001	8.0001	0.0000	5.625	19.902
10/30/1993	303	11.2174	1.2	2.4978	2.4978	0.0000	5.217	4.733
10/31/1993	304	11.1182	5.1	-1.5184	1.5184	-1.5184	5.118	2.537
11/1/1993	305	10.9875	0.0	8.1919	8.1919	0.0000	4.988	22.354
11/2/1993	306	10.9500	0.0	6.6717	6.6717	0.0000	4.950	17.282
11/3/1993	307	10.6000	5.6	-7.2983	7.2983	-7.2983	4.600	20.428
11/4/1993	308	10.3696	2.0	-0.3478	0.3478	-0.3478	4.370	0.431
11/5/1993	309	10.4500	0.3	8.3855	8.3855	0.0000	4.450	24.987
11/6/1993	310	10.5208	4.8	-2.5326	2.5326	-2.5326	4.521	5.336
11/7/1993	311	10.4042	4.0	-4.7430	4.7430	-4.7430	4.404	12.138
11/8/1993	312	10.0875	5.1	1.4038	1.4038	0.0000	4.088	2.694
11/9/1993	313	10.1043	5.7	0.8119	0.8119	0.0000	4.104	1.333
11/10/1993	314	10.1958	0.8	-5.9662	5.9662	-5.9662	4.196	16.855
11/11/1993	315	10.3792	4.1	-2.4717	2.4717	-2.4717	4.379	5.292
11/12/1993	316	10.2667	4.2	-6.5203	6.5203	-6.5203	4.267	18.660
11/13/1993	317	9.9292	4.6	-5.3934	5.3934	-5.3934	3.929	15.523
11/14/1993	318	10.0083	0.0	2.3310	2.3310	0.0000	4.008	5.229
11/15/1993	319	9.8375	3.0	-2.5024	2.5024	-2.5024	3.838	5.908
11/16/1993	320	9.6458	1.5	0.8721	0.8721	0.0000	3.646	1.590
11/17/1993	321	9.2917	2.7	-0.8503	0.8503	-0.8503	3.292	1.656
11/18/1993	322	9.4875	0.2	-0.3590	0.3590	-0.3590	3.488	0.527
11/19/1993	323	9.6273	0.0	6.6962	6.6962	0.0000	3.627	21.679
11/20/1993	324	9.5958	0.0	-0.8115	0.8115	-0.8115	3.596	1.464
11/21/1993	325	9.3958	4.6	-8.5830	8.5830	-8.5830	3.396	31.223
11/22/1993	326	8.8833	7.8	-5.7617	5.7617	-5.7617	2.883	21.070
11/23/1993	327	8.5958	6.3	1.3195	1.3195	0.0000	2.596	3.442
11/24/1993	328	8.8250	0.2	13.0425	13.0425	0.0000	2.825	60.835
11/25/1993	329	8.8000	6.3	11.6276	11.6276	0.0000	2.800	52.854
11/26/1993	330	8.7000	0.0	10.0805	10.0805	0.0000	2.700	45.183
11/27/1993	331	8.7333	0.0	8.9701	8.9701	0.0000	2.733	38.575
11/28/1993	332	8.6875	0.0	4.7535	4.7535	0.0000	2.688	17.320
11/29/1993	333	8.4958	0.0	-5.7604	5.7604	-5.7604	2.496	23.350
11/30/1993	334	8.4476	0.7	9.4389	9.4389	0.0000	2.448	44.550
12/1/1993	335	8.5130	0.0	9.0299	9.0299	0.0000	2.513	41.310
12/2/1993	336	8.5333	0.0	7.8476	7.8476	0.0000	2.533	34.320
12/3/1993	337	8.6333	0.0	1.7657	1.7657	0.0000	2.633	4.947

12/4/1993	338	8.8130	3.7	-8.3075	8.3075	-8.3075	2.813	34.256
12/5/1993	339	8.8792	2.0	6.6451	6.6451	0.0000	2.879	25.317
12/6/1993	340	8.8542	0.0	12.3222	12.3222	0.0000	2.854	56.155
12/7/1993	341	8.2583	1.4	7.9550	7.9550	0.0000	2.258	37.908
12/8/1993	342	8.3708	0.0	3.7222	3.7222	0.0000	2.371	13.851
12/9/1993	343	8.4043	0.0	8.5134	8.5134	0.0000	2.404	39.538
12/10/1993	344	8.3609	0.7	11.2852	11.2852	0.0000	2.361	57.459
12/11/1993	345	8.4417	0.0	0.2332	0.2332	0.0000	2.442	0.391
12/12/1993	346	8.6250	0.0	9.7359	9.7359	0.0000	2.625	44.094
12/13/1993	347	8.4792	2.2	11.0870	11.0870	0.0000	2.479	54.243
12/14/1993	348	8.6500	1.5	5.9267	5.9267	0.0000	2.650	23.202
12/15/1993	349	8.6667	0.7	5.6519	5.6519	0.0000	2.667	21.736
12/16/1993	350	8.6850	0.0	13.0403	13.0403	0.0000	2.685	63.070
12/17/1993	351	8.8667	0.0	6.0065	6.0065	0.0000	2.867	22.315
12/18/1993	352	8.8417	0.1	2.3182	2.3182	0.0000	2.842	6.638
12/19/1993	353	8.7625	0.0	1.8186	1.8186	0.0000	2.763	4.965
12/20/1993	354	8.9522	3.7	-2.7989	2.7989	-2.7989	2.952	8.222
12/21/1993	355	8.9955	0.1	5.7636	5.7636	0.0000	2.995	20.512
12/22/1993	356	8.8458	0.0	-0.3990	0.3990	-0.3990	2.846	0.697
12/23/1993	357	8.8542	0.6	8.3030	8.3030	0.0000	2.854	33.879
12/24/1993	358	8.7958	0.5	8.2667	8.2667	0.0000	2.796	34.190
12/25/1993	359	8.8625	1.5	6.0312	6.0312	0.0000	2.863	22.455
12/26/1993	360	9.1208	0.1	5.6705	5.6705	0.0000	3.121	19.510
12/27/1993	361	9.0208	2.4	7.0959	7.0959	0.0000	3.021	26.607
12/28/1993	362	8.8917	0.2	10.1652	10.1652	0.0000	2.892	43.488
12/29/1993	363	8.9208	0.0	5.5355	5.5355	0.0000	2.921	19.833
12/30/1993	364	8.8833	0.0	11.4790	11.4790	0.0000	2.883	50.913
12/31/1993	365	8.8000	0.0	11.4641	11.4641	0.0000	2.800	51.904
1/1/1994	1	8.6792	0.0	6.7867	6.7867	0.0000	2.679	27.381
1/2/1994	2	8.4083	0.8	9.7712	9.7712	0.0000	2.408	47.109
1/3/1994	3	8.5250	0.0	8.6230	8.6230	0.0000	2.525	38.810
1/4/1994	4	8.6250	0.3	3.2099	3.2099	0.0000	2.625	10.656
1/5/1994	5	8.6435	0.8	-8.6508	8.6508	-8.6508	2.643	37.715
1/6/1994	6	8.5875	0.0	0.5619	0.5619	0.0000	2.588	1.157
1/7/1994	7	8.6292	0.0	6.9272	6.9272	0.0000	2.629	28.489
1/8/1994	8	8.6167	0.3	9.3682	9.3682	0.0000	2.617	42.069
1/9/1994	9	8.6333	0.6	-1.6274	1.6274	-1.6274	2.633	4.456
1/10/1994	10	8.6083	0.0	8.2783	8.2783	0.0000	2.608	35.991
1/11/1994	11	8.8958	0.0	5.9082	5.9082	0.0000	2.896	21.691
1/12/1994	12	8.9667	0.3	6.8627	6.8627	0.0000	2.967	25.825
1/13/1994	13	9.0083	0.0	5.8264	5.8264	0.0000	3.008	20.735
1/14/1994	14	8.7917	2.0	7.4884	7.4884	0.0000	2.792	30.157
1/15/1994	15	8.7042	0.3	3.9009	3.9009	0.0000	2.704	13.389
1/16/1994	16	8.6292	0.0	2.7869	2.7869	0.0000	2.629	8.882
1/17/1994	17	8.6000	0.0	6.4966	6.4966	0.0000	2.600	26.452
1/18/1994	18	8.5522	0.0	-2.1840	2.1840	-2.1840	2.552	6.641
1/19/1994	19	8.4750	3.5	2.8466	2.8466	0.0000	2.475	9.529
1/20/1994	20	8.4682	0.3	5.4823	5.4823	0.0000	2.468	22.092
1/21/1994	21	8.5667	0.0	6.7468	6.7468	0.0000	2.567	28.020
1/22/1994	22	8.5583	0.0	9.3859	9.3859	0.0000	2.558	42.855
1/23/1994	23	8.6826	0.0	6.8419	6.8419	0.0000	2.683	27.641
1/24/1994	24	8.8130	1.2	4.2716	4.2716	0.0000	2.813	14.620

1/25/1994	25	9.0696	1.0	5.7428	5.7428	0.0000	3.070	20.064
1/26/1994	26	9.1042	5.2	8.4215	8.4215	0.0000	3.104	32.491
1/27/1994	27	9.0667	2.6	4.0170	4.0170	0.0000	3.067	12.707
1/28/1994	28	8.9381	2.4	1.8658	1.8658	0.0000	2.938	4.909
1/29/1994	29	8.8292	0.0	-7.2491	7.2491	-7.2491	2.829	28.655
1/30/1994	30	9.0083	7.3	-0.3868	0.3868	-0.3868	3.008	0.644
1/31/1994	31	8.7500	0.0	-2.8830	2.8830	-2.8830	2.750	8.983
2/1/1994	32	8.4875	0.0	-3.4452	3.4452	-3.4452	2.488	12.122
2/2/1994	33	8.3087	0.0	-6.1570	6.1570	-6.1570	2.309	26.882
2/3/1994	34	8.2826	0.0	-5.3631	5.3631	-5.3631	2.283	22.712
2/4/1994	35	8.2167	0.0	-0.0934	0.0934	-0.0934	2.217	0.130
2/5/1994	36	8.2042	0.0	-3.3713	3.3713	-3.3713	2.204	12.854
2/6/1994	37	8.1684	3.6	-4.1155	4.1155	-4.1155	2.168	16.787
2/7/1994	38	8.0476	8.7	-2.1045	2.1045	-2.1045	2.048	7.412
2/8/1994	39	8.0000	0.0	5.6963	5.6963	0.0000	2.000	26.961
2/9/1994	40	8.7048	1.8	-2.6070	2.6070	-2.6070	2.705	7.992
2/10/1994	41	8.5652	4.5	-2.9778	2.9778	-2.9778	2.565	9.840
2/11/1994	42	8.3826	0.0	0.4828	0.4828	0.0000	2.383	1.011
2/12/1994	43	8.4458	0.0	8.3351	8.3351	0.0000	2.446	38.014
2/13/1994	44	8.3667	1.2	4.1111	4.1111	0.0000	2.367	15.749
2/14/1994	45	8.2375	0.0	6.5170	6.5170	0.0000	2.238	29.564
2/15/1994	46	8.2500	5.0	7.9542	7.9542	0.0000	2.250	38.003
2/16/1994	47	8.1727	0.6	2.3493	2.3493	0.0000	2.173	8.179
2/17/1994	48	8.0435	2.0	-6.2670	6.2670	-6.2670	2.043	30.002
2/18/1994	49	8.0625	0.4	-5.3632	5.3632	-5.3632	2.063	24.418
2/19/1994	50	7.9957	3.8	3.6237	3.6237	0.0000	1.996	15.135
2/20/1994	51	7.8227	1.6	7.4443	7.4443	0.0000	1.823	40.579
2/21/1994	52	7.5231	4.7	1.0270	1.0270	0.0000	1.523	3.655
2/22/1994	53	7.5571	1.7	0.4902	0.4902	0.0000	1.557	1.396
2/23/1994	54	7.1600	5.8	-4.9294	4.9294	-4.9294	1.160	33.058
2/24/1994	55	7.1273	0.3	-1.1377	1.1377	-1.1377	1.127	5.165
2/25/1994	56	7.4421	0.0	2.9742	2.9742	0.0000	1.442	14.822
2/26/1994	57	7.8125	0.4	9.6975	9.6975	0.0000	1.813	57.152
2/27/1994	58	7.7826	0.0	9.7825	9.7825	0.0000	1.783	58.484
2/28/1994	59	7.8333	3.0	8.6733	8.6733	0.0000	1.833	49.141
3/1/1994	60	7.8789	1.2	9.4455	9.4455	0.0000	1.879	53.856
3/2/1994	61	7.9150	2.3	8.2105	8.2105	0.0000	1.915	44.406
3/3/1994	62	7.8348	1.7	6.5671	6.5671	0.0000	1.835	34.400
3/4/1994	63	7.8400	3.5	2.7721	2.7721	0.0000	1.840	11.383
3/5/1994	64	7.9435	9.6	-0.5844	0.5844	-0.5844	1.943	1.492
3/6/1994	65	7.8125	3.5	-2.8659	2.8659	-2.8659	1.813	12.006
3/7/1994	66	7.8909	5.1	4.1651	4.1651	0.0000	1.891	18.797
3/8/1994	67	7.9350	1.6	6.1869	6.1869	0.0000	1.935	30.684
3/9/1994	68	8.0900	0.0	6.8009	6.8009	0.0000	2.090	32.781
3/10/1994	69	7.8227	5.8	-2.5695	2.5695	-2.5695	1.823	10.398
3/11/1994	70	7.6958	1.5	7.5712	7.5712	0.0000	1.696	43.658
3/12/1994	71	7.8478	0.0	14.8608	14.8608	0.0000	1.848	97.350
3/13/1994	72	7.7333	2.3	4.0280	4.0280	0.0000	1.733	19.163
3/14/1994	73	7.7435	6.3	3.8833	3.8833	0.0000	1.743	18.211
3/15/1994	74	7.7111	0.0	2.1101	2.1101	0.0000	1.711	8.454
3/16/1994	75	7.6609	0.5	6.7639	6.7639	0.0000	1.661	38.358
3/17/1994	76	7.6364	0.2	3.4102	3.4102	0.0000	1.636	16.135

3/18/1994	77	7.6875	5.8	1.5244	1.5244	0.0000	1.688	5.632
3/19/1994	78	7.5208	1.2	1.4098	1.4098	0.0000	1.521	5.488
3/20/1994	79	7.7708	0.0	8.9692	8.9692	0.0000	1.771	52.583
3/21/1994	80	7.9000	2.2	-6.3077	6.3077	-6.3077	1.900	31.866
3/22/1994	81	7.9227	8.0	-0.2453	0.2453	-0.2453	1.923	0.495
3/23/1994	82	7.8682	9.4	-5.0031	5.0031	-5.0031	1.868	23.975
3/24/1994	83	7.8810	7.3	-7.3142	7.3142	-7.3142	1.881	38.792
3/25/1994	84	7.8739	10.6	-7.2881	7.2881	-7.2881	1.874	38.719
3/26/1994	85	8.0625	7.7	-5.9530	5.9530	-5.9530	2.063	27.906
3/27/1994	86	8.1478	10.8	-6.1143	6.1143	-6.1143	2.148	28.054
3/28/1994	87	8.3842	11.5	-2.1174	2.1174	-2.1174	2.384	6.701
3/29/1994	88	8.8526	6.4	4.1240	4.1240	0.0000	2.853	13.838
3/30/1994	89	8.4316	4.3	4.0955	4.0955	0.0000	2.432	15.372
3/31/1994	90	8.5682	2.7	1.5800	1.5800	0.0000	2.568	4.369
4/1/1994	91	8.6000	0.0	6.6072	6.6072	0.0000	2.600	27.030
4/2/1994	92	8.6130	0.0	1.7974	1.7974	0.0000	2.613	5.089
4/3/1994	93	8.5792	3.2	-6.0013	6.0013	-6.0013	2.579	24.037
4/4/1994	94	8.2913	0.5	-3.2318	3.2318	-3.2318	2.291	11.844
4/5/1994	95	8.4000	8.7	1.2953	1.2953	0.0000	2.400	3.555
4/6/1994	96	8.4583	3.0	-3.4227	3.4227	-3.4227	2.458	12.123
4/7/1994	97	8.4182	3.2	1.0534	1.0534	0.0000	2.418	2.714
4/8/1994	98	8.4783	0.1	0.2584	0.2584	0.0000	2.478	0.441
4/9/1994	99	8.3625	6.3	-3.6654	3.6654	-3.6654	2.363	13.615
4/10/1994	100	8.4174	0.0	10.1132	10.1132	0.0000	2.417	49.098
4/11/1994	101	8.2130	0.0	7.2451	7.2451	0.0000	2.213	34.123
4/12/1994	102	8.3609	0.5	3.7893	3.7893	0.0000	2.361	14.214
4/13/1994	103	8.2045	1.2	-1.5358	1.5358	-1.5358	2.205	4.698
4/14/1994	104	8.3565	0.0	6.0663	6.0663	0.0000	2.357	25.993
4/15/1994	105	8.5333	1.5	4.0458	4.0458	0.0000	2.533	14.698
4/16/1994	106	8.4524	8.3	7.7599	7.7599	0.0000	2.452	34.623
4/17/1994	107	8.3429	8.4	-4.5946	4.5946	-4.5946	2.343	18.289
4/18/1994	108	8.3545	3.3	-3.2732	3.2732	-3.2732	2.355	11.807
4/19/1994	109	8.8227	2.1	4.8111	4.8111	0.0000	2.823	16.983
4/20/1994	110	8.7522	6.4	4.3851	4.3851	0.0000	2.752	15.358
4/21/1994	111	9.0478	6.0	4.3857	4.3857	0.0000	3.048	14.281
4/22/1994	112	8.9130	8.7	5.6166	5.6166	0.0000	2.913	20.244
4/23/1994	113	9.3958	2.1	0.1633	0.1633	0.0000	3.396	0.196
4/24/1994	114	9.2125	3.7	4.1084	4.1084	0.0000	3.213	12.651
4/25/1994	115	9.1167	8.6	-5.7688	5.7688	-5.7688	3.117	19.962
4/26/1994	116	9.0619	0.2	-8.9600	8.9600	-8.9600	3.062	35.520
4/27/1994	117	9.2143	4.4	-2.2881	2.2881	-2.2881	3.214	5.978
4/28/1994	118	9.2000	0.6	3.6296	3.6296	0.0000	3.200	10.826
4/29/1994	119	9.4200	0.3	7.8532	7.8532	0.0000	3.420	27.726
4/30/1994	120	9.3588	6.8	1.2271	1.2271	0.0000	3.359	2.610
5/1/1994	121	9.4684	0.3	11.1115	11.1115	0.0000	3.468	42.801
5/2/1994	122	9.2579	2.8	5.2456	5.2456	0.0000	3.258	17.125
5/3/1994	123	9.6706	9.6	0.8151	0.8151	0.0000	3.671	1.451
5/4/1994	124	9.6000	10.2	-7.9716	7.9716	-7.9716	3.600	27.246
5/5/1994	125	9.5579	11.5	-1.3298	1.3298	-1.3298	3.558	2.776
5/6/1994	126	9.6545	10.4	1.7441	1.7441	0.0000	3.655	3.854
5/7/1994	127	9.7889	13.6	-7.6872	7.6872	-7.6872	3.789	25.075
5/8/1994	128	9.8125	10.6	0.5140	0.5140	0.0000	3.813	0.783

5/9/1994	129	9.9500	2.4	2.4156	2.4156	0.0000	3.950	5.531
5/10/1994	130	10.1000	0.0	3.6438	3.6438	0.0000	4.100	9.115
5/11/1994	131	9.7300	6.8	8.8716	8.8716	0.0000	3.730	30.462
5/12/1994	132	9.9739	2.8	5.5573	5.5573	0.0000	3.974	15.999
5/13/1994	133	10.0400	3.3	3.2933	3.2933	0.0000	4.040	8.093
5/14/1994	134	10.0625	6.8	-0.8071	0.8071	-0.8071	4.063	1.333
5/15/1994	135	10.1913	2.9	-4.7222	4.7222	-4.7222	4.191	12.504
5/16/1994	136	10.7250	5.3	-0.7494	0.7494	-0.7494	4.725	1.088
5/17/1994	137	10.5043	9.2	-6.7593	6.7593	-6.7593	4.504	18.797
5/18/1994	138	10.3583	7.8	-8.9379	8.9379	-8.9379	4.358	27.519
5/19/1994	139	10.5227	14.2	-6.5598	6.5598	-6.5598	4.523	18.038
5/20/1994	140	10.6769	6.2	-8.6501	8.6501	-8.6501	4.677	25.093
5/21/1994	141	10.9722	0.2	0.0724	0.0724	0.0000	4.972	0.053
5/22/1994	142	10.9458	5.8	2.4197	2.4197	0.0000	4.946	4.721
5/23/1994	143	10.7913	0.7	8.0435	8.0435	0.0000	4.791	22.472
5/24/1994	144	10.6000	4.9	8.7292	8.7292	0.0000	4.600	25.690
5/25/1994	145	10.4875	7.1	0.8761	0.8761	0.0000	4.488	1.379
5/26/1994	146	10.6864	6.4	2.8376	2.8376	0.0000	4.686	6.016
5/27/1994	147	10.7333	2.0	3.4716	3.4716	0.0000	4.733	7.732
5/28/1994	148	10.2435	1.5	11.9493	11.9493	0.0000	4.243	40.675
5/29/1994	149	10.4524	1.3	3.2648	3.2648	0.0000	4.452	7.467
5/30/1994	150	10.5083	5.2	3.9480	3.9480	0.0000	4.508	9.439
5/31/1994	151	10.3364	3.4	7.5553	7.5553	0.0000	4.336	22.273
6/1/1994	152	10.0208	6.8	10.1007	10.1007	0.0000	4.021	34.089
6/2/1994	153	10.3375	5.8	7.6038	7.6038	0.0000	4.338	22.452
6/3/1994	154	10.4783	1.3	3.0203	3.0203	0.0000	4.478	6.731
6/4/1994	155	10.7750	9.3	4.0352	4.0352	0.0000	4.775	9.316
6/5/1994	156	10.9167	3.0	2.9646	2.9646	0.0000	4.917	6.149
6/6/1994	157	11.3318	3.8	-2.3718	2.3718	-2.3718	5.332	4.361
6/7/1994	158	12.0609	3.7	0.1428	0.1428	0.0000	6.061	0.109
6/8/1994	159	12.0250	2.0	3.9912	3.9912	0.0000	6.025	7.781
6/9/1994	160	11.8042	1.2	5.8926	5.8926	0.0000	5.804	13.158
6/10/1994	161	11.7042	0.3	5.6733	5.6733	0.0000	5.704	12.691
6/11/1994	162	11.4417	0.0	5.6365	5.6365	0.0000	5.442	13.017
6/12/1994	163	11.5708	0.0	5.3641	5.3641	0.0000	5.571	12.014
6/13/1994	164	11.5167	0.1	1.7799	1.7799	0.0000	5.517	2.948
6/14/1994	165	11.7625	8.5	-3.4365	3.4365	-3.4365	5.763	6.632
6/15/1994	166	11.7708	0.9	1.4063	1.4063	0.0000	5.771	2.111
6/16/1994	167	11.8917	7.5	2.5769	2.5769	0.0000	5.892	4.516
6/17/1994	168	12.3208	3.6	2.0403	2.0403	0.0000	6.321	3.186
6/18/1994	169	12.7833	3.4	-2.3448	2.3448	-2.3448	6.783	3.619
6/19/1994	170	12.5727	8.6	-4.1060	4.1060	-4.1060	6.573	7.583
6/20/1994	171	12.7182	13.0	-6.9866	6.9866	-6.9866	6.718	14.741
6/21/1994	172	12.3714	8.0	-8.2427	8.2427	-8.2427	6.371	18.918
6/22/1994	173	12.4000	8.7	-6.1761	6.1761	-6.1761	6.400	13.032
6/23/1994	174	12.4083	8.1	-5.1093	5.1093	-5.1093	6.408	10.214
6/24/1994	175	12.7792	0.0	2.7976	2.7976	0.0000	6.779	4.539
6/25/1994	176	13.4917	2.2	-0.0237	0.0237	-0.0237	7.492	0.009
6/26/1994	177	13.5292	7.5	-5.9949	5.9949	-5.9949	7.529	11.171
6/27/1994	178	13.6667	5.9	-0.5959	0.5959	-0.5959	7.667	0.574
6/28/1994	179	13.4917	0.0	4.2935	4.2935	0.0000	7.492	7.313
6/29/1994	180	13.2667	0.6	0.7316	0.7316	0.0000	7.267	0.776

6/30/1994	181	12.9583	0.0	5.2462	5.2462	0.0000	6.958	9.963
7/1/1994	182	12.9000	0.5	-2.7113	2.7113	-2.7113	6.900	4.306
7/2/1994	183	12.9417	2.3	-1.8455	1.8455	-1.8455	6.942	2.620
7/3/1994	184	13.5818	0.9	0.7928	0.7928	0.0000	7.582	0.834
7/4/1994	185	12.8000	9.2	-9.3941	9.3941	-9.3941	6.800	21.348
7/5/1994	186	12.5136	9.2	-8.3845	8.3845	-8.3845	6.514	19.033
7/6/1994	187	13.1375	0.1	0.2647	0.2647	0.0000	7.138	0.214
7/7/1994	188	13.2833	0.8	3.3896	3.3896	0.0000	7.283	5.513
7/8/1994	189	13.3714	14.5	-3.7033	3.7033	-3.7033	7.371	6.122
7/9/1994	190	13.4450	14.5	-7.1891	7.1891	-7.1891	7.445	14.209
7/10/1994	191	13.1650	14.4	-8.3700	8.3700	-8.3700	7.165	17.741
7/11/1994	192	13.3050	12.8	-6.3658	6.3658	-6.3658	7.305	12.326
7/12/1994	193	13.2958	12.0	-5.3460	5.3460	-5.3460	7.296	9.866
7/13/1994	194	13.7292	10.5	-2.1357	2.1357	-2.1357	7.729	2.926
7/14/1994	195	14.0375	8.2	-3.2985	3.2985	-3.2985	8.038	4.963
7/15/1994	196	13.4043	9.8	-5.1612	5.1612	-5.1612	7.404	9.333
7/16/1994	197	13.7476	7.8	1.2803	1.2803	0.0000	7.748	1.517
7/17/1994	198	14.0000	0.0	4.9471	4.9471	0.0000	8.000	8.365
7/18/1994	199	13.8667	0.9	2.6688	2.6688	0.0000	7.867	3.843
7/19/1994	200	14.5545	6.1	0.9194	0.9194	0.0000	8.555	0.925
7/20/1994	201	14.4211	10.3	-6.4136	6.4136	-6.4136	8.421	11.243
7/21/1994	202	12.3941	14.0	-9.2026	9.2026	-9.2026	6.394	21.727
7/22/1994	203	11.6875	10.9	-8.6961	8.6961	-8.6961	5.688	21.970
7/23/1994	204	11.6478	5.1	-8.1737	8.1737	-8.1737	5.648	20.397
7/24/1994	205	12.6261	12.5	-2.4499	2.4499	-2.4499	6.626	3.893
7/25/1994	206	14.2952	0.9	3.0641	3.0641	0.0000	8.295	4.415
7/26/1994	207	15.1000	12.6	5.1207	5.1207	0.0000	9.100	7.975
7/27/1994	208	15.3500	7.4	5.1709	5.1709	0.0000	9.350	7.920
7/28/1994	209	15.3167	0.1	6.2480	6.2480	0.0000	9.317	10.116
7/29/1994	210	15.1375	7.8	7.4814	7.4814	0.0000	9.138	12.918
7/30/1994	211	14.9333	1.9	6.7209	6.7209	0.0000	8.933	11.445
7/31/1994	212	14.9087	0.1	3.8846	3.8846	0.0000	8.909	5.685
8/1/1994	213	15.3750	0.0	1.1324	1.1324	0.0000	9.375	1.131
8/2/1994	214	15.4818	6.6	3.5890	3.5890	0.0000	9.482	4.913
8/3/1994	215	15.8762	4.6	-1.5453	1.5453	-1.5453	9.876	1.623
8/4/1994	216	15.8652	0.1	1.5567	1.5567	0.0000	9.865	1.640
8/5/1994	217	15.8182	1.3	1.6563	1.6563	0.0000	9.818	1.781
8/6/1994	218	15.6458	11.9	2.4069	2.4069	0.0000	9.646	2.910
8/7/1994	219	15.5957	7.6	-7.8336	7.8336	-7.8336	9.596	13.231
8/8/1994	220	15.1333	6.0	-7.9454	7.9454	-7.9454	9.133	13.957
8/9/1994	221	15.2348	1.2	3.5052	3.5052	0.0000	9.235	4.858
8/10/1994	222	15.6087	9.3	-1.9696	1.9696	-1.9696	9.609	2.258
8/11/1994	223	15.2542	8.1	-4.3417	4.3417	-4.3417	9.254	6.379
8/12/1994	224	15.4000	8.8	-1.9668	1.9668	-1.9668	9.400	2.289
8/13/1994	225	15.1696	5.0	3.9923	3.9923	0.0000	9.170	5.767
8/14/1994	226	15.3292	5.0	4.9553	4.9553	0.0000	9.329	7.512
8/15/1994	227	15.7250	0.6	3.4617	3.4617	0.0000	9.725	4.607
8/16/1994	228	15.7043	7.4	-3.6287	3.6287	-3.6287	9.704	4.901
8/17/1994	229	15.2174	6.5	-6.3587	6.3587	-6.3587	9.217	10.426
8/18/1994	230	15.1083	8.7	-6.3353	6.3353	-6.3353	9.108	10.465
8/19/1994	231	15.4292	0.8	1.8488	1.8488	0.0000	9.429	2.110
8/20/1994	232	15.7917	0.0	2.8320	2.8320	0.0000	9.792	3.546

8/21/1994	233	16.1750	4.4	4.0229	4.0229	0.0000	10.175	5.407
8/22/1994	234	15.9591	1.9	-0.3024	0.3024	-0.3024	9.959	0.200
8/23/1994	235	15.3833	3.5	-0.9863	0.9863	-0.9863	9.383	0.947
8/24/1994	236	15.4375	11.9	-1.6233	1.6233	-1.6233	9.438	1.786
8/25/1994	237	15.0292	7.4	-9.3878	9.3878	-9.3878	9.029	17.421
8/26/1994	238	14.4125	7.3	-9.2319	9.2319	-9.2319	8.413	17.935
8/27/1994	239	14.7217	9.7	-4.4616	4.4616	-4.4616	8.722	6.891
8/28/1994	240	14.8750	0.4	-3.2719	3.2719	-3.2719	8.875	4.576
8/29/1994	241	14.4913	8.8	3.2536	3.2536	0.0000	8.491	4.689
8/30/1994	242	14.7583	8.2	2.4945	2.4945	0.0000	8.758	3.264
8/31/1994	243	14.5958	8.7	-2.1589	2.1589	-2.1589	8.596	2.750
9/1/1994	244	14.6773	10.7	4.2841	4.2841	0.0000	8.677	6.566
9/2/1994	245	14.5000	0.0	-0.9059	0.9059	-0.9059	8.500	0.912
9/3/1994	246	15.0286	3.3	-9.1918	9.1918	-9.1918	9.029	16.957
9/4/1994	247	14.6952	5.6	4.0405	4.0405	0.0000	8.695	6.083
9/5/1994	248	14.4292	0.0	8.5537	8.5537	0.0000	8.429	16.243
9/6/1994	249	14.4522	0.0	3.7513	3.7513	0.0000	8.452	5.644
9/7/1994	250	14.7550	0.0	5.4841	5.4841	0.0000	8.755	8.950
9/8/1994	251	14.8850	1.5	-1.6642	1.6642	-1.6642	8.885	1.924
9/9/1994	252	14.6700	3.7	2.1956	2.1956	0.0000	8.670	2.792
9/10/1994	253	15.0818	4.2	1.3641	1.3641	0.0000	9.082	1.469
9/11/1994	254	14.6647	7.2	-2.1291	2.1291	-2.1291	8.665	2.686
9/12/1994	255	14.6500	0.2	4.8448	4.8448	0.0000	8.650	7.703
9/13/1994	256	14.8870	1.2	3.5291	3.5291	0.0000	8.887	5.036
9/14/1994	257	15.0565	0.2	6.0160	6.0160	0.0000	9.057	9.835
9/15/1994	258	14.9200	0.0	9.7769	9.7769	0.0000	8.920	18.510
9/16/1994	259	14.3600	11.5	7.3423	7.3423	0.0000	8.360	13.438
9/17/1994	260	13.8000	3.8	4.9077	4.9077	0.0000	7.800	8.431
9/18/1994	261	14.0435	3.2	3.8143	3.8143	0.0000	8.043	5.974
9/19/1994	262	13.8913	3.0	-1.9473	1.9473	-1.9473	7.891	2.561
9/20/1994	263	13.9700	7.5	-3.5990	3.5990	-3.5990	7.970	5.582
9/21/1994	264	14.0765	5.6	0.5137	0.5137	0.0000	8.076	0.458
9/22/1994	265	13.8500	4.1	3.8635	3.8635	0.0000	7.850	6.179
9/23/1994	266	13.7667	6.8	-3.0582	3.0582	-3.0582	7.767	4.616
9/24/1994	267	13.7583	4.3	3.3497	3.3497	0.0000	7.758	5.191
9/25/1994	268	13.9083	7.5	-0.6604	0.6604	-0.6604	7.908	0.641
9/26/1994	269	14.0842	8.6	-0.9247	0.9247	-0.9247	8.084	0.970
9/27/1994	270	13.5958	1.6	0.9927	0.9927	0.0000	7.596	1.111
9/28/1994	271	13.3619	0.1	-7.9936	7.9936	-7.9936	7.362	16.406
9/29/1994	272	13.0286	1.0	-3.1966	3.1966	-3.1966	7.029	5.246
9/30/1994	273	12.8652	0.1	-0.9830	0.9830	-0.9830	6.865	1.179
10/1/1994	274	12.7708	10.2	-5.6521	5.6521	-5.6521	6.771	11.175
10/2/1994	275	12.7417	10.3	-3.0000	3.0000	-3.0000	6.742	4.983
10/3/1994	276	13.0500	10.2	0.0606	0.0606	0.0000	7.050	0.033
10/4/1994	277	13.2875	7.9	3.8484	3.8484	0.0000	7.288	6.483
10/5/1994	278	12.8250	9.5	-10.2848	10.2848	-10.2848	6.825	23.910
10/6/1994	279	12.7375	2.0	-4.7390	4.7390	-4.7390	6.738	8.951
10/7/1994	280	12.6500	1.0	2.3852	2.3852	0.0000	6.650	3.752
10/8/1994	281	12.5217	0.0	4.7492	4.7492	0.0000	6.522	9.186
10/9/1994	282	12.5435	4.9	-4.0032	4.0032	-4.0032	6.543	7.364
10/10/1994	283	12.3917	9.4	-4.4380	4.4380	-4.4380	6.392	8.545
10/11/1994	284	12.2609	6.4	5.1212	5.1212	0.0000	6.261	10.416

10/12/1994	285	12.3222	1.8	4.5855	4.5855	0.0000	6.322	8.980
10/13/1994	286	12.3136	0.0	7.1584	7.1584	0.0000	6.314	15.896
10/14/1994	287	12.1542	9.0	-4.9588	4.9588	-4.9588	6.154	10.119
10/15/1994	288	12.0292	6.6	-1.9770	1.9770	-1.9770	6.029	3.164
10/16/1994	289	12.0042	1.1	10.9915	10.9915	0.0000	6.004	28.527
10/17/1994	290	11.7609	9.3	-1.2988	1.2988	-1.2988	5.761	1.909
10/18/1994	291	11.7913	1.3	3.1747	3.1747	0.0000	5.791	5.971
10/19/1994	292	11.7182	0.0	5.3388	5.3388	0.0000	5.718	11.721
10/20/1994	293	11.7250	1.8	2.1999	2.1999	0.0000	5.725	3.765
10/21/1994	294	11.6913	6.2	-3.2589	3.2589	-3.2589	5.691	6.252
10/22/1994	295	11.5208	0.0	1.0550	1.0550	0.0000	5.521	1.508
10/23/1994	296	11.3435	2.8	2.9225	2.9225	0.0000	5.343	5.689
10/24/1994	297	11.3708	0.1	11.6472	11.6472	0.0000	5.371	33.268
10/25/1994	298	11.3063	0.0	11.0369	11.0369	0.0000	5.306	31.323
10/26/1994	299	11.1043	0.9	0.0000	0.0000	0.0000	5.104	0.000
10/27/1994	300	10.9087	2.6	1.85	1.8505	0.0000	4.909	3.367
10/28/1994	301	10.8826	4.4	-0.45	0.4513	-0.4513	4.883	0.555
10/29/1994	302	10.8208	0.0	8.72	8.7235	0.0000	4.821	24.823
10/30/1994	303	10.7375	1.4	0.42	0.4199	0.0000	4.738	0.517
10/31/1994	304	10.4500	1.3	0.48	0.4769	0.0000	4.450	0.637
11/1/1994	305	9.9583	5.0	-8.11	8.1078	-8.1078	3.958	26.019
11/2/1994	306	9.8348	6.4	3.1220	3.1220	0.0000	3.835	7.845
11/3/1994	307	9.8667	0.0	11.0542	11.0542	0.0000	3.867	39.344
11/4/1994	308	9.8522	1.2	-0.1231	0.1231	-0.1231	3.852	0.125
11/5/1994	309	9.7348	0.0	5.8052	5.8052	0.0000	3.735	17.685
11/6/1994	310	9.6250	2.3	3.4536	3.4536	0.0000	3.625	9.293
11/7/1994	311	9.6435	2.6	1.2280	1.2280	0.0000	3.643	2.465
11/8/1994	312	9.7870	0.0	7.9399	7.9399	0.0000	3.787	26.144
11/9/1994	313	9.7955	7.5	-5.1907	5.1907	-5.1907	3.795	15.150
11/10/1994	314	9.5609	0.3	-2.0347	2.0347	-2.0347	3.561	4.782
11/11/1994	315	9.5417	1.2	1.1585	1.1585	0.0000	3.542	2.334
11/12/1994	316	9.4500	1.2	-3.2941	3.2941	-3.2941	3.450	9.062
11/13/1994	317	9.3417	0.0	1.4797	1.4797	0.0000	3.342	3.328
11/14/1994	318	9.2087	1.8	0.0620	0.0620	0.0000	3.209	0.059
11/15/1994	319	9.0043	7.1	-4.8190	4.8190	-4.8190	3.004	16.277
11/16/1994	320	9.1235	3.3	-7.7572	7.7572	-7.7572	3.124	29.118
11/17/1994	321	9.2250	8.0	-8.4101	8.4101	-8.4101	3.225	31.562
11/18/1994	322	8.9333	0.0	5.3142	5.3142	0.0000	2.933	18.766
11/19/1994	323	8.8958	0.9	-0.2485	0.2485	-0.2485	2.896	0.376
11/20/1994	324	8.6750	2.4	-8.1115	8.1115	-8.1115	2.675	34.439
11/21/1994	325	8.8826	0.0	6.2946	6.2946	0.0000	2.883	23.600
11/22/1994	326	8.9583	0.0	6.9213	6.9213	0.0000	2.958	26.160
11/23/1994	327	8.8167	0.0	1.3734	1.3734	0.0000	2.817	3.418
11/24/1994	328	8.8522	0.0	14.9912	14.9912	0.0000	2.852	72.210
11/25/1994	329	8.4708	5.9	5.5249	5.5249	0.0000	2.471	22.295
11/26/1994	330	8.4565	2.0	8.0708	8.0708	0.0000	2.457	36.365
11/27/1994	331	8.3174	4.0	-0.7335	0.7335	-0.7335	2.317	1.760
11/28/1994	332	8.4864	0.0	-1.1040	1.1040	-1.1040	2.486	2.825
11/29/1994	333	8.5333	0.0	5.3852	5.3852	0.0000	2.533	21.194
11/30/1994	334	8.6583	0.8	8.4681	8.4681	0.0000	2.658	36.552
12/1/1994	335	8.2833	2.5	0.0183	0.0183	0.0000	2.283	0.016
12/2/1994	336	8.2909	5.9	-6.0757	6.0757	-6.0757	2.291	26.575

12/3/1994	337	7.6783	7.3	-4.4946	4.4946	-4.4946	1.678	22.564
12/4/1994	338	7.7261	2.1	5.7615	5.7615	0.0000	1.726	30.391
12/5/1994	339	8.0625	0.1	10.7834	10.7834	0.0000	2.063	59.699
12/6/1994	340	7.5783	1.1	4.9366	4.9366	0.0000	1.578	26.583
12/7/1994	341	7.6333	0.0	-1.0568	1.0568	-1.0568	1.633	3.607
12/8/1994	342	7.6864	3.1	-2.9537	2.9537	-2.9537	1.686	13.138
12/9/1994	343	7.6913	0.0	5.0765	5.0765	0.0000	1.691	26.224
12/10/1994	344	7.9273	2.9	13.3102	13.3102	0.0000	1.927	82.040
12/11/1994	345	7.8875	1.3	8.2850	8.2850	0.0000	1.888	45.389
12/12/1994	346	7.7000	0.3	-0.9385	0.9385	-0.9385	1.700	3.011
12/13/1994	347	7.7136	1.0	8.4358	8.4358	0.0000	1.714	49.767
12/14/1994	348	7.8542	0.0	9.1869	9.1869	0.0000	1.854	52.471
12/15/1994	349	7.7300	0.0	2.9721	2.9721	0.0000	1.730	13.004
12/16/1994	350	7.6542	0.8	9.2508	9.2508	0.0000	1.654	57.433
12/17/1994	351	8.1875	2.2	10.6063	10.6063	0.0000	2.188	56.043
12/18/1994	352	8.5957	0.0	8.7555	8.7555	0.0000	2.596	38.803
12/19/1994	353	8.4364	0.7	9.9232	9.9232	0.0000	2.436	47.654
12/20/1994	354	8.5708	0.0	6.4307	6.4307	0.0000	2.571	26.320
12/21/1994	355	8.6000	0.0	8.3421	8.3421	0.0000	2.600	36.430
12/22/1994	356	8.4417	0.0	7.6033	7.6033	0.0000	2.442	33.837
12/23/1994	357	8.5087	0.0	6.8644	6.8644	0.0000	2.509	29.118
12/24/1994	358	8.5870	0.2	5.0281	5.0281	0.0000	2.587	19.124
12/25/1994	359	8.4955	0.0	3.1919	3.1919	0.0000	2.495	10.968
12/26/1994	360	8.7813	0.0	4.0792	4.0792	0.0000	2.781	13.895
12/27/1994	361	8.8208	0.0	3.5334	3.5334	0.0000	2.821	11.446
12/28/1994	362	8.3696	1.6	3.5334	3.5334	0.0000	2.370	12.963
12/29/1994	363	8.4708	4.2	2.9876	2.9876	0.0000	2.471	10.149
12/30/1994	364	8.4150	2.7	4.56	4.5623	0.0000	2.415	17.736
12/31/1994	365	8.5318	6.6	7.12	7.1247	0.0000	2.532	30.340
1/1/1995	1	8.3709	5.6	3.5250	3.5250	0.0000	2.371	12.918
1/2/1995	2	8.3101	6.4	1.7252	1.7252	0.0000	2.310	5.273
1/3/1995	3	8.3929	6.8	0.8252	0.8252	0.0000	2.393	2.001
1/4/1995	4	8.2594	6.7	0.3753	0.3753	0.0000	2.259	0.760
1/5/1995	5	8.1303	6.4	0.1503	0.1503	0.0000	2.130	0.246
1/6/1995	6	8.1443	1.9	0.0378	0.0378	0.0000	2.144	0.042
1/7/1995	7	8.1480	0.1	-0.0184	0.0184	-0.0184	2.148	0.017
1/8/1995	8	8.1548	0.0	-0.0466	0.0466	-0.0466	2.155	0.054
1/9/1995	9	8.1211	0.0	-0.0606	0.0606	-0.0606	2.121	0.077
1/10/1995	10	8.0516	0.3	-0.0677	0.0677	-0.0677	2.052	0.091
1/11/1995	11	8.1229	1.9	-0.0712	0.0712	-0.0712	2.123	0.095
1/12/1995	12	8.1678	0.4	-0.0729	0.0729	-0.0729	2.168	0.096
1/13/1995	13	8.1440	0.0	-0.0738	0.0738	-0.0738	2.144	0.098
1/14/1995	14	8.0200	1.7	-0.0742	0.0742	-0.0742	2.020	0.104
1/15/1995	15	7.9084	0.0	-0.0745	0.0745	-0.0745	1.908	0.108
1/16/1995	16	7.8202	0.4	-0.0746	0.0746	-0.0746	1.820	0.112
1/17/1995	17	7.7581	0.0	-0.0746	0.0746	-0.0746	1.758	0.115
1/18/1995	18	7.9050	1.6	-0.0747	0.0747	-0.0747	1.905	0.109
1/19/1995	19	7.7758	4.3	-0.0747	0.0747	-0.0747	1.776	0.114
1/20/1995	20	7.6652	0.8	-0.0747	0.0747	-0.0747	1.665	0.120
1/21/1995	21	6.5611	7.8	-0.0747	0.0747	-0.0747	0.561	0.260
1/22/1995	22	7.5935	8.0	-0.0747	0.0747	-0.0747	1.593	0.124
1/23/1995	23	7.6395	3.1	-0.0747	0.0747	-0.0747	1.640	0.121

1/24/1995	24	7.6376	2.9	-0.0747	0.0747	-0.0747	1.638	0.121
1/25/1995	25	7.9955	0.1	-0.0747	0.0747	-0.0747	1.995	0.105
1/26/1995	26	7.9000	0.4	3.3537	3.3537	0.0000	1.900	14.196
1/27/1995	27	7.8952	2.9	8.4537	8.4537	0.0000	1.895	46.440
1/28/1995	28	7.9273	0.0	10.0120	10.0120	0.0000	1.927	56.982
1/29/1995	29	8.1600	0.7	3.2105	3.2105	0.0000	2.160	12.250
1/30/1995	30	8.2727	0.0	3.5668	3.5668	0.0000	2.273	13.516
1/31/1995	31	8.1286	2.0	7.8910	7.8910	0.0000	2.129	39.138
2/1/1995	32	8.0000	0.5	12.2790	12.2790	0.0000	2.000	72.063
2/2/1995	33	8.0571	0.0	10.1136	10.1136	0.0000	2.057	55.097
2/3/1995	34	8.1143	7.7	7.9483	7.9483	0.0000	2.114	39.692
2/4/1995	35	8.2273	2.2	2.9663	2.9663	0.0000	2.227	10.831
2/5/1995	36	8.3818	0.0	8.2854	8.2854	0.0000	2.382	38.446
2/6/1995	37	8.4136	2.7	3.2242	3.2242	0.0000	2.414	11.378
2/7/1995	38	8.5348	4.8	-3.7622	3.7622	-3.7622	2.535	13.386
2/8/1995	39	8.3435	7.8	-4.0980	4.0980	-4.0980	2.343	15.795
2/9/1995	40	8.1652	5.2	-6.9787	6.9787	-6.9787	2.165	33.037
2/10/1995	41	8.2957	0.0	-5.3957	5.3957	-5.3957	2.296	22.795
2/11/1995	42	8.3227	1.0	-8.5464	8.5464	-8.5464	2.323	40.726
2/12/1995	43	7.9409	4.1	-3.0329	3.0329	-3.0329	1.941	12.293
2/13/1995	44	7.7818	7.6	-2.0957	2.0957	-2.0957	1.782	8.141
2/14/1995	45	7.5286	0.0	1.7094	1.7094	0.0000	1.529	6.998
2/15/1995	46	7.6095	1.5	-0.2557	0.2557	-0.2557	1.610	0.593
2/16/1995	47	7.3500	0.0	2.4294	2.4294	0.0000	1.350	11.992
2/17/1995	48	7.4909	0.5	-0.7762	0.7762	-0.7762	1.491	2.593
2/18/1995	49	7.7000	0.0	10.7845	10.7845	0.0000	1.700	68.543
2/19/1995	50	8.0048	3.6	5.7863	5.7863	0.0000	2.005	27.461
2/20/1995	51	7.9909	5.9	8.9884	8.9884	0.0000	1.991	48.496
2/21/1995	52	7.8864	1.0	3.6300	3.6300	0.0000	1.886	15.791
2/22/1995	53	7.8273	1.4	2.8293	2.8293	0.0000	1.827	11.742
2/23/1995	54	7.9000	0.0	10.2281	10.2281	0.0000	1.900	59.160
2/24/1995	55	7.9318	0.4	0.5749	0.5749	0.0000	1.932	1.468
2/25/1995	56	7.7045	9.4	-8.9445	8.9445	-8.9445	1.705	53.844
2/26/1995	57	7.4364	9.4	-9.6550	9.6550	-9.6550	1.436	67.099
2/27/1995	58	7.4545	9.5	-6.9349	6.9349	-6.9349	1.455	43.537
2/28/1995	59	7.3864	9.6	-5.3731	5.3731	-5.3731	1.386	32.502
3/1/1995	60	7.4273	9.6	-5.2174	5.2174	-5.2174	1.427	30.658
3/2/1995	61	7.4476	9.7	-7.4701	7.4701	-7.4701	1.448	48.047
3/3/1995	62	7.8150	0.0	-5.80	5.7956	-5.7956	1.815	29.543
3/4/1995	63	7.8498	1.2	-0.2206	0.2206	-0.2206	1.850	0.444
3/5/1995	64	7.8088	9.4	2.5669	2.5669	0.0000	1.809	10.442
3/6/1995	65	7.8671	0.5	3.9607	3.9607	0.0000	1.867	17.785
3/7/1995	66	7.8683	0.0	4.6576	4.6576	0.0000	1.868	21.875
3/8/1995	67	7.3130	0.0	5.3545	5.3545	0.0000	1.313	33.637
3/9/1995	68	7.2045	0.1	3.9037	3.9037	0.0000	1.205	23.873
3/10/1995	69	7.2048	0.9	6.6915	6.6915	0.0000	1.205	47.580
3/11/1995	70	7.5783	0.5	8.1384	8.1384	0.0000	1.578	50.409
3/12/1995	71	7.7955	2.1	3.7935	3.7935	0.0000	1.795	17.306
3/13/1995	72	7.7045	0.0	4.4624	4.4624	0.0000	1.705	22.111
3/14/1995	73	7.6476	0.0	9.0285	9.0285	0.0000	1.648	55.830
3/15/1995	74	7.7304	3.3	3.2491	3.2491	0.0000	1.730	14.573
3/16/1995	75	7.6571	5.2	9.8352	9.8352	0.0000	1.657	62.038

3/17/1995	76	7.6238	0.2	12.0312	12.0312	0.0000	1.624	81.469
3/18/1995	77	7.7714	2.1	8.4952	8.4952	0.0000	1.771	49.041
3/19/1995	78	7.7952	6.6	-3.7404	3.7404	-3.7404	1.795	16.999
3/20/1995	79	7.7565	2.0	-3.6050	3.6050	-3.6050	1.757	16.469
3/21/1995	80	7.8174	1.0	-7.9871	7.9871	-7.9871	1.817	44.497
3/22/1995	81	7.7217	5.8	2.4431	2.4431	0.0000	1.722	10.153
3/23/1995	82	7.8522	1.3	-7.1725	7.1725	-7.1725	1.852	38.252
3/24/1995	83	7.8130	3.9	-3.9270	3.9270	-3.9270	1.813	17.964
3/25/1995	84	7.6609	1.2	7.0566	7.0566	0.0000	1.661	40.495
3/26/1995	85	7.6273	7.0	9.2660	9.2660	0.0000	1.627	58.232
3/27/1995	86	7.7091	5.4	6.2072	6.2072	0.0000	1.709	33.669
3/28/1995	87	7.8522	8.0	2.2571	2.2571	0.0000	1.852	8.709
3/29/1995	88	8.1000	8.1	1.8936	1.8936	0.0000	2.100	6.359
3/30/1995	89	7.9857	0.1	5.3303	5.3303	0.0000	1.986	24.891
3/31/1995	90	7.9174	0.6	7.8389	7.8389	0.0000	1.917	41.813
4/1/1995	91	7.9364	3.2	7.0723	7.0723	0.0000	1.936	36.395
4/2/1995	92	7.9818	2.9	7.5900	7.5900	0.0000	1.982	39.185
4/3/1995	93	8.0318	7.1	9.3291	9.3291	0.0000	2.032	50.129
4/4/1995	94	7.9783	3.0	4.5625	4.5625	0.0000	1.978	20.453
4/5/1995	95	8.1333	6.0	8.2140	8.2140	0.0000	2.133	41.134
4/6/1995	96	8.2524	4.4	10.8579	10.8579	0.0000	2.252	56.557
4/7/1995	97	8.3364	3.6	7.6223	7.6223	0.0000	2.336	35.031
4/8/1995	98	8.4870	4.5	5.0348	5.0348	0.0000	2.487	19.704
4/9/1995	99	8.4696	5.9	1.9815	1.9815	0.0000	2.470	6.003
4/10/1995	100	8.4818	6.9	12.3219	12.3219	0.0000	2.482	62.047
4/11/1995	101	8.4364	4.3	5.7663	5.7663	0.0000	2.436	23.787
4/12/1995	102	8.3682	4.4	0.2560	0.2560	0.0000	2.368	0.451
4/13/1995	103	8.1739	3.3	-8.9682	8.9682	-8.9682	2.174	45.414
4/14/1995	104	8.1227	4.8	-0.5756	0.5756	-0.5756	2.123	1.374
4/15/1995	105	8.1591	4.9	-1.3609	1.3609	-1.3609	2.159	4.085
4/16/1995	106	8.2565	4.4	1.7181	1.7181	0.0000	2.257	5.334
4/17/1995	107	8.1857	4.6	3.9631	3.9631	0.0000	2.186	15.905
4/18/1995	108	8.5043	4.0	-2.1439	2.1439	-2.1439	2.504	6.573
4/19/1995	109	8.4913	2.9	7.6230	7.6230	0.0000	2.491	33.465
4/20/1995	110	8.4182	5.3	2.3818	2.3818	0.0000	2.418	7.712
4/21/1995	111	8.6909	6.8	3.0078	3.0078	0.0000	2.691	9.632
4/22/1995	112	9.1261	4.8	0.7437	0.7437	0.0000	3.126	1.447
4/23/1995	113	9.2348	4.1	-3.9712	3.9712	-3.9712	3.235	12.053
4/24/1995	114	8.8217	3.6	-11.2123	11.2123	-11.2123	2.822	50.172
4/25/1995	115	8.9864	4.3	-4.8766	4.8766	-4.8766	2.986	16.598
4/26/1995	116	9.1609	2.3	-5.2516	5.2516	-5.2516	3.161	17.524
4/27/1995	117	9.1909	4.7	-2.8292	2.8292	-2.8292	3.191	7.886
4/28/1995	118	9.6182	3.7	-2.2196	2.2196	-2.2196	3.618	5.284
4/29/1995	119	9.6652	4.5	-1.0153	1.0153	-1.0153	3.665	1.924
4/30/1995	120	9.8500	6.2	3.3440	3.3440	0.0000	3.850	8.542
5/1/1995	121	9.6048	9.5	-1.1166	1.1166	-1.1166	3.605	2.199
5/2/1995	122	9.9826	1.6	-6.2864	6.2864	-6.2864	3.983	18.705
5/3/1995	123	9.9500	1.5	0.0516	0.0516	0.0000	3.950	0.040
5/4/1995	124	10.0300	11.1	-4.0163	4.0163	-4.0163	4.030	10.453
5/5/1995	125	10.1304	0.4	-8.8720	8.8720	-8.8720	4.130	28.325
5/6/1995	126	9.7182	7.7	-9.8110	9.8110	-9.8110	3.718	34.729
5/7/1995	127	9.9652	10.4	-2.5880	2.5880	-2.5880	3.965	6.025

5/8/1995	128	10.4609	3.9	1.9413	1.9413	0.0000	4.461	3.833
5/9/1995	129	10.1435	0.0	2.6715	2.6715	0.0000	4.143	6.081
5/10/1995	130	10.4810	1.5	4.6039	4.6039	0.0000	4.481	11.541
5/11/1995	131	10.6409	4.8	4.8088	4.8088	0.0000	4.641	11.901
5/12/1995	132	10.7667	13.8	1.8376	1.8376	0.0000	4.767	3.408
5/13/1995	133	10.8957	13.4	-7.3582	7.3582	-7.3582	4.896	19.745
5/14/1995	134	10.8609	1.6	-5.0751	5.0751	-5.0751	4.861	12.336
5/15/1995	135	10.8565	11.7	-4.1168	4.1168	-4.1168	4.857	9.443
5/16/1995	136	11.2565	6.6	-3.8606	3.8606	-3.8606	5.257	8.220
5/17/1995	137	11.2478	9.3	-4.1001	4.1001	-4.1001	5.248	8.888
5/18/1995	138	11.2182	14.4	-5.1567	5.1567	-5.1567	5.218	11.969
5/19/1995	139	10.7217	14.0	-8.7527	8.7527	-8.7527	4.722	25.302
5/20/1995	140	9.8957	12.7	-8.6405	8.6405	-8.6405	3.896	28.550
5/21/1995	141	10.1500	14.2	-4.7677	4.7677	-4.7677	4.150	12.749
5/22/1995	142	10.6478	12.2	-5.4900	5.4900	-5.4900	4.648	14.085
5/23/1995	143	10.8955	13.7	-9.5648	9.5648	-9.5648	4.895	27.623
5/24/1995	144	10.6864	9.6	-8.5522	8.5522	-8.5522	4.686	24.695
5/25/1995	145	11.0905	9.5	-4.6632	4.6632	-4.6632	5.090	10.710
5/26/1995	146	11.6143	9.8	-0.5120	0.5120	-0.5120	5.614	0.591
5/27/1995	147	11.7950	8.3	4.4492	4.4492	0.0000	5.795	9.194
5/28/1995	148	11.9000	3.9	4.5214	4.5214	0.0000	5.900	9.266
5/29/1995	149	12.2409	4.2	0.7735	0.7735	0.0000	6.241	0.929
5/30/1995	150	12.0286	5.6	0.8943	0.8943	0.0000	6.029	1.146
5/31/1995	151	11.2476	0.9	6.2977	6.2977	0.0000	5.248	15.396
6/1/1995	152	11.1091	1.4	3.0005	3.0005	0.0000	5.109	6.075
6/2/1995	153	11.6810	9.6	0.3498	0.3498	0.0000	5.681	0.360
6/3/1995	154	11.8500	6.0	6.0126	6.0126	0.0000	5.850	13.427
6/4/1995	155	10.8800	3.6	7.9546	7.9546	0.0000	4.880	21.866
6/5/1995	156	10.7545	7.0	2.6980	2.6980	0.0000	4.755	5.582
6/6/1995	157	10.8435	14.6	-1.4973	1.4973	-1.4973	4.843	2.592
6/7/1995	158	11.4217	9.7	-7.7917	7.7917	-7.7917	5.422	19.753
6/8/1995	159	11.6381	9.7	-3.2685	3.2685	-3.2685	5.638	6.318
6/9/1995	160	11.9773	8.6	3.3826	3.3826	0.0000	5.977	6.332
6/10/1995	161	12.1364	0.0	5.5197	5.5197	0.0000	6.136	11.631
6/11/1995	162	12.2364	1.6	5.2800	5.2800	0.0000	6.236	10.862
6/12/1995	163	11.8500	1.2	3.6214	3.6214	0.0000	5.850	7.017
6/13/1995	164	11.6727	0.7	6.0336	6.0336	0.0000	5.673	13.786
6/14/1995	165	11.7565	13.7	1.3159	1.3159	0.0000	5.757	1.943
6/15/1995	166	11.7261	12.2	-7.6867	7.6867	-7.6867	5.726	18.671
6/16/1995	167	11.9818	3.2	-1.6807	1.6807	-1.6807	5.982	2.585
6/17/1995	168	11.6773	2.0	5.9288	5.9288	0.0000	5.677	13.473
6/18/1995	169	11.9409	9.6	-1.3947	1.3947	-1.3947	5.941	2.046
6/19/1995	170	12.0412	0.2	-7.9043	7.9043	-7.9043	6.041	18.623
6/20/1995	171	12.0944	9.0	-2.8508	2.8508	-2.8508	6.094	5.017
6/21/1995	172	12.2348	6.0	3.9034	3.9034	0.0000	6.235	7.380
6/22/1995	173	12.2588	3.3	4.0293	4.0293	0.0000	6.259	7.665
6/23/1995	174	12.5048	2.6	3.1721	3.1721	0.0000	6.505	5.490
6/24/1995	175	12.2952	14.7	0.6651	0.6651	0.0000	6.295	0.761
6/25/1995	176	12.7870	14.6	-1.8629	1.8629	-1.8629	6.787	2.695
6/26/1995	177	12.6130	14.7	-7.6592	7.6592	-7.6592	6.613	16.769
6/27/1995	178	12.6261	10.5	-7.9687	7.9687	-7.9687	6.626	17.616
6/28/1995	179	12.8783	14.5	-7.6076	7.6076	-7.6076	6.878	16.164

6/29/1995	180	13.3478	11.1	-6.1203	6.1203	-6.1203	7.348	11.672
6/30/1995	181	13.4304	14.7	-9.2597	9.2597	-9.2597	7.430	19.672
7/1/1995	182	13.2435	4.8	-6.1705	6.1705	-6.1705	7.243	11.916
7/2/1995	183	13.2545	9.9	-1.9520	1.9520	-1.9520	7.255	2.728
7/3/1995	184	13.9957	3.3	-1.0485	1.0485	-1.0485	7.996	1.149
7/4/1995	185	14.1091	0.2	0.8392	0.8392	0.0000	8.109	0.855
7/5/1995	186	13.9182	1.5	1.2497	1.2497	0.0000	7.918	1.448
7/6/1995	187	14.5350	3.8	-1.0966	1.0966	-1.0966	8.535	1.161
7/7/1995	188	14.2682	0.0	-4.6596	4.6596	-4.6596	8.268	7.568
7/8/1995	189	14.2955	8.7	-1.0510	1.0510	-1.0510	8.295	1.122
7/9/1995	190	14.4913	3.5	-4.2548	4.2548	-4.2548	8.491	6.610
7/10/1995	191	14.2333	0.8	-2.4344	2.4344	-2.4344	8.233	3.307
7/11/1995	192	13.9778	0.1	0.6303	0.6303	0.0000	7.978	0.600
7/12/1995	193	13.6783	7.8	3.7626	3.7626	0.0000	7.678	6.068
7/13/1995	194	13.6300	0.0	4.3818	4.3818	0.0000	7.630	7.408
7/14/1995	195	14.4684	7.3	-1.3906	1.3906	-1.3906	8.468	1.583
7/15/1995	196	14.6773	13.9	-2.1178	2.1178	-2.1178	8.677	2.665
7/16/1995	197	14.9667	14.5	-0.8573	0.8573	-0.8573	8.967	0.818
7/17/1995	198	15.0000	14.6	-6.2390	6.2390	-6.2390	9.000	10.350
7/18/1995	199	13.5444	14.4	-10.9530	10.9530	-10.9530	7.544	24.126
7/19/1995	200	12.4211	7.7	-11.3742	11.3742	-11.3742	6.421	28.410
7/20/1995	201	11.9444	14.2	-12.1211	12.1211	-12.1211	5.944	32.564
7/21/1995	202	11.6409	9.0	-6.9522	6.9522	-6.9522	5.641	16.595
7/22/1995	203	11.9273	8.1	-2.5353	2.5353	-2.5353	5.927	4.404
7/23/1995	204	13.3000	5.6	-3.9600	3.9600	-3.9600	7.300	6.717
7/24/1995	205	14.5684	0.0	2.0829	2.0829	0.0000	8.568	2.632
7/25/1995	206	14.5217	0.0	1.3429	1.3429	0.0000	8.522	1.507
7/26/1995	207	14.8864	0.2	-2.3906	2.3906	-2.3906	8.886	3.059
7/27/1995	208	14.8474	6.2	-0.5076	0.5076	-0.5076	8.847	0.422
7/28/1995	209	14.4769	0.3	0.5797	0.5797	0.0000	8.477	0.516
7/29/1995	210	13.9692	10.1	-7.1769	7.1769	-7.1769	7.969	13.505
7/30/1995	211	13.7800	4.0	0.1615	0.1615	0.0000	7.780	0.107
7/31/1995	212	13.9737	0.0	-0.0243	0.0243	-0.0243	7.974	0.009
8/1/1995	213	14.2750	5.1	-2.7545	2.7545	-2.7545	8.275	3.859
8/2/1995	214	14.5273	1.9	1.7221	1.7221	0.0000	8.527	2.071
8/3/1995	215	14.9350	6.5	-0.0381	0.0381	-0.0381	8.935	0.015
8/4/1995	216	14.9045	0.0	1.3788	1.3788	0.0000	8.905	1.510
8/5/1995	217	14.7217	0.1	-2.6242	2.6242	-2.6242	8.722	3.493
8/6/1995	218	14.7773	10.8	-3.7609	3.7609	-3.7609	8.777	5.512
8/7/1995	219	14.2045	5.0	-10.6940	10.6940	-10.6940	8.205	22.038
8/8/1995	220	14.0818	2.6	1.8947	1.8947	0.0000	8.082	2.431
8/9/1995	221	14.2952	1.2	7.0301	7.0301	0.0000	8.295	12.782
8/10/1995	222	14.6619	0.8	-3.4121	3.4121	-3.4121	8.662	4.913
8/11/1995	223	14.8545	0.2	-0.9054	0.9054	-0.9054	8.855	0.885
8/12/1995	224	14.7450	5.8	2.0559	2.0559	0.0000	8.745	2.551
8/13/1995	225	14.7190	0.0	9.0038	9.0038	0.0000	8.719	16.931
8/14/1995	226	14.2273	1.0	0.3808	0.3808	0.0000	8.227	0.308
8/15/1995	227	14.2636	2.3	-0.4602	0.4602	-0.4602	8.264	0.391
8/16/1995	228	14.3909	9.0	0.1015	0.1015	0.0000	8.391	0.056
8/17/1995	229	14.4318	9.2	-4.6635	4.6635	-4.6635	8.432	7.471
8/18/1995	230	14.5150	0.0	6.3068	6.3068	0.0000	8.515	10.917
8/19/1995	231	14.2190	4.2	6.8146	6.8146	0.0000	8.219	12.363

8/20/1995	232	14.0227	0.2	4.6171	4.6171	0.0000	8.023	7.642
8/21/1995	233	14.1318	1.4	3.9826	3.9826	0.0000	8.132	6.264
8/22/1995	234	14.3273	5.1	2.9530	2.9530	0.0000	8.327	4.200
8/23/1995	235	14.5818	1.6	1.2399	1.2399	0.0000	8.582	1.354
8/24/1995	236	14.8136	2.2	-2.0843	2.0843	-2.0843	8.814	2.582
8/25/1995	237	14.9182	9.8	-0.5035	0.5035	-0.5035	8.918	0.415
8/26/1995	238	14.9143	10.9	-4.6234	4.6234	-4.6234	8.914	7.101
8/27/1995	239	15.3727	1.5	-1.3687	1.3687	-1.3687	9.373	1.442
8/28/1995	240	14.8091	5.9	-6.3652	6.3652	-6.3652	8.809	10.782
8/29/1995	241	14.8318	11.7	-4.2293	4.2293	-4.2293	8.832	6.378
8/30/1995	242	15.1500	12.8	-2.4012	2.4012	-2.4012	9.150	3.013
8/31/1995	243	14.9591	9.7	-5.0908	5.0908	-5.0908	8.959	8.004
9/1/1995	244	15.1091	7.5	-1.5720	1.5720	-1.5720	9.109	1.758
9/2/1995	245	15.3682	8.5	1.0858	1.0858	0.0000	9.368	1.073
9/3/1995	246	15.5864	6.9	-4.3925	4.3925	-4.3925	9.586	6.314
9/4/1995	247	15.2571	2.4	-4.4094	4.4094	-4.4094	9.257	6.505
9/5/1995	248	15.1045	1.3	2.1345	2.1345	0.0000	9.105	2.601
9/6/1995	249	15.3091	6.2	1.4350	1.4350	0.0000	9.309	1.540
9/7/1995	250	15.4000	4.6	-0.1420	0.1420	-0.1420	9.400	0.079
9/8/1995	251	15.2526	4.4	2.9655	2.9655	0.0000	9.253	3.917
9/9/1995	252	15.2000	5.5	5.0930	5.0930	0.0000	9.200	7.858
9/10/1995	253	15.1955	6.2	6.1651	6.1651	0.0000	9.195	10.038
9/11/1995	254	15.1000	1.2	5.6427	5.6427	0.0000	9.100	9.029
9/12/1995	255	14.9455	6.5	-0.3080	0.3080	-0.3080	8.945	0.221
9/13/1995	256	14.9000	5.0	-7.1672	7.1672	-7.1672	8.900	12.460
9/14/1995	257	14.6818	5.8	-9.3752	9.3752	-9.3752	8.682	17.885
9/15/1995	258	14.0955	5.1	-11.2112	11.2112	-11.2112	8.095	23.637
9/16/1995	259	13.9136	7.1	-7.6695	7.6695	-7.6695	7.914	14.777
9/17/1995	260	14.1045	1.8	2.6247	2.6247	0.0000	8.105	3.682
9/18/1995	261	13.9409	0.1	4.9715	4.9715	0.0000	7.941	8.463
9/19/1995	262	13.9810	6.1	4.9764	4.9764	0.0000	7.981	8.443
9/20/1995	263	14.4045	0.6	1.7606	1.7606	0.0000	8.405	2.152
9/21/1995	264	14.5095	9.1	3.5523	3.5523	0.0000	8.510	5.239
9/22/1995	265	14.5773	9.9	0.9009	0.9009	0.0000	8.577	0.900
9/23/1995	266	14.7545	10.5	3.5188	3.5188	0.0000	8.755	5.072
9/24/1995	267	14.5381	2.6	5.8527	5.8527	0.0000	8.538	9.902
9/25/1995	268	14.6000	3.0	3.2728	3.2728	0.0000	8.600	4.681
9/26/1995	269	14.7773	2.8	4.4707	4.4707	0.0000	8.777	6.878
9/27/1995	270	14.6318	0.3	5.3775	5.3775	0.0000	8.632	8.816
9/28/1995	271	14.5333	4.3	3.0375	3.0375	0.0000	8.533	4.279
9/29/1995	272	14.5000	0.5	2.8861	2.8861	0.0000	8.500	4.019
9/30/1995	273	14.2591	4.3	-2.6133	2.6133	-2.6133	8.259	3.613
10/1/1995	274	14.2190	0.0	5.6718	5.6718	0.0000	8.219	9.775
10/2/1995	275	13.8636	0.9	5.0115	5.0115	0.0000	7.864	8.610
10/3/1995	276	13.4955	6.5	-2.2482	2.2482	-2.2482	7.495	3.194
10/4/1995	277	13.2182	1.3	-0.0857	0.0857	-0.0857	7.218	0.050
10/5/1995	278	13.0286	0.2	11.6011	11.6011	0.0000	7.029	27.316
10/6/1995	279	12.9864	1.2	5.7420	5.7420	0.0000	6.986	11.151
10/7/1995	280	12.8273	0.3	5.9482	5.9482	0.0000	6.827	11.860
10/8/1995	281	12.8609	2.2	1.5198	1.5198	0.0000	6.861	2.061
10/9/1995	282	12.6792	0.0	3.7609	3.7609	0.0000	6.679	6.699
10/10/1995	283	12.3773	3.2	2.7710	2.7710	0.0000	6.377	4.684

10/11/1995	284	11.6000	2.9	3.1996	3.1996	0.0000	5.600	6.178
10/12/1995	285	11.4833	3.0	1.8679	1.8679	0.0000	5.483	3.149
10/13/1995	286	11.4792	0.0	9.9698	9.9698	0.0000	5.479	26.878
10/14/1995	287	11.4625	0.0	2.0247	2.0247	0.0000	5.463	3.501
10/15/1995	288	11.4792	0.0	-2.7530	2.7530	-2.7530	5.479	5.176
10/16/1995	289	11.2583	1.0	-1.9962	1.9962	-1.9962	5.258	3.533
10/17/1995	290	11.3043	5.7	7.7443	7.7443	0.0000	5.304	19.908
10/18/1995	291	11.2136	5.4	-1.2944	1.2944	-1.2944	5.214	2.041
10/19/1995	292	10.9917	0.0	11.2054	11.2054	0.0000	4.992	33.361
10/20/1995	293	10.9000	0.3	4.4473	4.4473	0.0000	4.900	10.358
10/21/1995	294	11.0696	1.7	-3.5302	3.5302	-3.5302	5.070	7.522
10/22/1995	295	11.0417	0.0	6.5385	6.5385	0.0000	5.042	16.622
10/23/1995	296	10.8542	3.9	5.9674	5.9674	0.0000	4.854	15.193
10/24/1995	297	10.7609	0.0	2.2288	2.2288	0.0000	4.761	4.367
10/25/1995	298	10.6833	0.2	10.5807	10.5807	0.0000	4.683	32.443
10/26/1995	299	10.6458	4.2	-3.3732	3.3732	-3.3732	4.646	7.553
10/27/1995	300	10.7458	2.2	-0.2196	0.2196	-0.2196	4.746	0.225
10/28/1995	301	10.6043	4.8	-1.9971	1.9971	-1.9971	4.604	3.886
10/29/1995	302	10.5750	7.7	-1.6615	1.6615	-1.6615	4.575	3.085
10/30/1995	303	10.9250	7.9	0.0205	0.0205	0.0000	4.925	0.011
10/31/1995	304	10.6783	7.8	-2.1999	2.1999	-2.1999	4.678	4.349
11/1/1995	305	11.0000	7.8	4.8029	4.8029	0.0000	5.000	11.266
11/2/1995	306	11.1667	4.9	-0.6390	0.6390	-0.6390	5.167	0.832
11/3/1995	307	10.9333	7.5	-1.0014	1.0014	-1.0014	4.933	1.529
11/4/1995	308	10.6792	0.7	5.7659	5.7659	0.0000	4.679	14.925
11/5/1995	309	10.7083	1.7	-4.3963	4.3963	-4.3963	4.708	10.501
11/6/1995	310	10.4739	0.0	3.8893	3.8893	0.0000	4.474	9.310
11/7/1995	311	10.4818	0.0	8.7009	8.7009	0.0000	4.482	26.063
11/8/1995	312	10.1792	3.3	-1.7477	1.7477	-1.7477	4.179	3.511
11/9/1995	313	9.8667	1.9	-7.9452	7.9452	-7.9452	3.867	25.780
11/10/1995	314	9.7043	0.0	6.3457	6.3457	0.0000	3.704	19.936
11/11/1995	315	9.8167	1.1	5.8736	5.8736	0.0000	3.817	17.676
11/12/1995	316	9.5042	0.0	3.3417	3.3417	0.0000	3.504	9.128
11/13/1995	317	9.5429	0.0	2.0144	2.0144	0.0000	3.543	4.738
11/14/1995	318	9.6789	0.3	-1.2189	1.2189	-1.2189	3.679	2.424
11/15/1995	319	9.4087	2.1	11.0452	11.0452	0.0000	3.409	43.004
11/16/1995	320	9.3957	0.0	11.2721	11.2721	0.0000	3.396	44.259
11/17/1995	321	9.2792	0.0	5.7286	5.7286	0.0000	3.279	19.080
11/18/1995	322	9.5333	0.5	-4.4990	4.4990	-4.4990	3.533	13.277
11/19/1995	323	9.4667	5.8	5.5200	5.5200	0.0000	3.467	17.486
11/20/1995	324	9.1375	1.7	6.7494	6.7494	0.0000	3.138	24.290
11/21/1995	325	9.1458	0.0	8.1937	8.1937	0.0000	3.146	31.073
11/22/1995	326	9.1773	3.1	7.4341	7.4341	0.0000	3.177	27.241
11/23/1995	327	9.0125	2.9	7.7052	7.7052	0.0000	3.013	29.624
11/24/1995	328	9.0125	2.3	10.5745	10.5745	0.0000	3.013	44.424
11/25/1995	329	9.1909	0.0	6.5839	6.5839	0.0000	3.191	23.248
11/26/1995	330	9.3333	2.3	-3.5028	3.5028	-3.5028	3.333	10.047
11/27/1995	331	9.3708	0.0	7.8082	7.8082	0.0000	3.371	27.808
11/28/1995	332	9.3957	0.0	-0.7597	0.7597	-0.7597	3.396	1.402
11/29/1995	333	9.4208	0.0	2.1151	2.1151	0.0000	3.421	5.171
11/30/1995	334	9.1417	2.9	-1.5547	1.5547	-1.5547	3.142	3.706
12/1/1995	335	9.3708	0.1	1.8196	1.8196	0.0000	3.371	4.310

12/2/1995	336	9.1333	1.8	-2.5470	2.5470	-2.5470	3.133	6.984
12/3/1995	337	8.9083	0.0	-2.5302	2.5302	-2.5302	2.908	7.303
12/4/1995	338	8.8542	4.5	-3.7473	3.7473	-3.7473	2.854	12.237
12/5/1995	339	8.9125	0.3	1.3723	1.3723	0.0000	2.913	3.334
12/6/1995	340	8.9167	0.7	-6.2383	6.2383	-6.2383	2.917	23.135
12/7/1995	341	8.3435	4.9	-6.0571	6.0571	-6.0571	2.343	26.046
12/8/1995	342	8.0167	6.4	2.4181	2.4181	0.0000	2.017	8.951
12/9/1995	343	8.3333	0.0	3.9298	3.9298	0.0000	2.333	15.017
12/10/1995	344	8.4458	0.0	8.4720	8.4720	0.0000	2.446	38.815
12/11/1995	345	8.2958	0.1	6.5080	6.5080	0.0000	2.296	28.975
12/12/1995	346	8.2000	0.0	2.7008	2.7008	0.0000	2.200	9.690
12/13/1995	347	8.2783	0.5	0.0148	0.0148	0.0000	2.278	0.012
12/14/1995	348	8.3947	0.7	7.6127	7.6127	0.0000	2.395	34.364
12/15/1995	349	8.5375	2.0	0.8088	0.8088	0.0000	2.538	1.870
12/16/1995	350	8.7958	0.1	8.3094	8.3094	0.0000	2.796	34.416
12/17/1995	351	8.8478	0.0	15.0809	15.0809	0.0000	2.848	72.842
12/18/1995	352	8.8833	2.8	9.8763	9.8763	0.0000	2.883	41.999
12/19/1995	353	9.3913	0.2	9.7008	9.7008	0.0000	3.391	36.555
12/20/1995	354	9.3750	0.0	7.3502	7.3502	0.0000	3.375	25.715
12/21/1995	355	9.2478	0.0	12.5587	12.5587	0.0000	3.248	52.467
12/22/1995	356	9.3292	3.0	6.2981	6.2981	0.0000	3.329	21.309
12/23/1995	357	9.4579	6.2	10.4875	10.4875	0.0000	3.458	39.835
12/24/1995	358	9.3421	5.7	9.9427	9.9427	0.0000	3.342	38.122
12/25/1995	359	9.2625	5.0	11.1122	11.1122	0.0000	3.263	44.717
12/26/1995	360	9.1292	0.0	12.9869	12.9869	0.0000	3.129	56.243
12/27/1995	361	9.4042	0.3	8.8908	8.8908	0.0000	3.404	32.607
12/28/1995	362	9.3917	0.0	11.1523	11.1523	0.0000	3.392	43.695
12/29/1995	363	9.4609	0.0	9.3395	9.3395	0.0000	3.461	34.320
12/30/1995	364	9.3583	0.4	4.5577	4.5577	0.0000	3.358	13.998
12/31/1995	365	9.2208	0.0	0.4644	0.4644	0.0000	3.221	0.775
1/1/1996	1	9.3357	0.0	9.5981	9.5981	0.0000	3.336	36.489
1/2/1996	2	9.4000	0.0	-0.5645	0.5645	-0.5645	3.400	0.958
1/3/1996	3	9.2792	0.7	-8.2454	8.2454	-8.2454	3.279	30.410
1/4/1996	4	8.9000	4.1	0.0399	0.0399	0.0000	2.900	0.036
1/5/1996	5	8.8167	0.0	8.3129	8.3129	0.0000	2.817	34.252
1/6/1996	6	9.0905	0.5	12.7331	12.7331	0.0000	3.090	55.329
1/7/1996	7	9.1417	0.0	7.8152	7.8152	0.0000	3.142	29.276
1/8/1996	8	9.2292	0.3	4.5603	4.5603	0.0000	3.229	14.406
1/9/1996	9	8.9217	2.1	3.1066	3.1066	0.0000	2.922	9.466
1/10/1996	10	8.9238	0.0	3.8398	3.8398	0.0000	2.924	12.409
1/11/1996	11	9.2000	0.0	3.2380	3.2380	0.0000	3.200	9.354
1/12/1996	12	9.1500	0.0	5.6534	5.6534	0.0000	3.150	19.306
1/13/1996	13	8.9042	0.0	-2.9145	2.9145	-2.9145	2.904	8.761
1/14/1996	14	8.4542	0.0	-2.5865	2.5865	-2.5865	2.454	8.480
1/15/1996	15	8.3409	0.0	-3.4920	3.4920	-3.4920	2.341	12.880
1/16/1996	16	8.1042	2.2	-1.3405	1.3405	-1.3405	2.104	4.081
1/17/1996	17	7.7478	6.6	-1.5299	1.5299	-1.5299	1.748	5.518
1/18/1996	18	8.2909	3.1	4.3014	4.3014	0.0000	2.291	17.080
1/19/1996	19	7.8174	4.9	-3.7599	3.7599	-3.7599	1.817	16.963
1/20/1996	20	7.7308	0.0	4.0998	4.0998	0.0000	1.731	19.622
1/21/1996	21	7.6487	7.7	2.7706	2.7706	0.0000	1.649	12.302
1/22/1996	22	7.5667	0.8	1.4415	1.4415	0.0000	1.567	5.528

1/23/1996	23	7.6042	[illegible]	4.5550	4.5550	0.0000	1.604	25.399
1/24/1996	24	7.5667	[illegible]	-1.0881	1.0881	-1.0881	1.567	6.651
1/25/1996	25	7.7625	4.4	-1.6610	1.6610	-1.6610	1.763	8.047
1/26/1996	26	7.4958	1.8	-0.3610	0.3610	-0.3610	1.496	0.971
1/27/1996	27	7.2292	[illegible]	3.4941	3.4941	0.0000	1.229	10.505
1/28/1996	28	7.7917	[illegible]	-1.7960	1.7960	-1.7960	1.792	6.656
1/29/1996	29	7.5583	[illegible]	-0.8611	0.8611	-0.8611	1.558	2.077
1/30/1996	30	6.1000	[illegible]	-1.2361	1.2361	-1.2361	0.100	32.350
1/31/1996	31	6.9542	8.7	-4.2520	4.2520	-4.2520	0.954	40.624
2/1/1996	32	6.9417	7.1	-2.4699	2.4699	-2.4699	0.941	10.545
2/2/1996	33	6.7250	13.2	3.9762	3.9762	0.0000	0.725	[illegible]
2/3/1996	34	[illegible]	[illegible]	8.1917	8.1917	0.0000	[illegible]	51.330
2/4/1996	35	7.6625	1.8	10.9771	10.9771	0.0000	1.662	71.867
2/5/1996	36	7.8167	6.2	11.8052	11.8052	0.0000	1.817	73.631
2/6/1996	37	[illegible]	[illegible]	6.5116	6.5116	0.0000	[illegible]	[illegible]
2/7/1996	38	7.4625	2.1	6.6806	6.6806	0.0000	1.462	37.112
2/8/1996	39	[illegible]	1.2	1.1166	1.1166	0.0000	[illegible]	[illegible]
2/9/1996	40	6.9667	0.2	-0.2971	0.2971	-0.2971	0.967	4.289
2/10/1996	41	7.3167	0.4	8.7291	8.7291	0.0000	1.317	61.401
2/11/1996	42	7.4833	0.0	6.7965	6.7965	0.0000	1.483	41.820
2/12/1996	43	7.4292	1.6	7.6817	7.6817	0.0000	1.429	51.051
2/13/1996	44	[illegible]	0.2	7.1791	7.1791	0.0000	[illegible]	[illegible]
2/14/1996	45	[illegible]	0.0	[illegible]	[illegible]	0.0000	[illegible]	4.514
2/15/1996	46	[illegible]	0.0	-4.2675	4.2675	-4.2675	[illegible]	21.022
2/16/1996	47	[illegible]	0.6	-0.4461	0.4461	-0.4461	[illegible]	1.317
2/17/1996	48	7.5476	0.6	7.2651	7.2651	0.0000	1.548	44.202
2/18/1996	49	7.6522	0.0	3.7773	3.7773	0.0000	1.652	18.265
2/19/1996	50	7.8579	[illegible]	3.1600	3.1600	0.0000	1.858	13.367
2/20/1996	51	7.6917	2.7	7.7021	7.7021	0.0000	1.691	44.713
2/21/1996	52	8.0889	0.3	-2.7290	2.7290	-2.7290	2.089	10.180
2/22/1996	53	8.0458	4.9	-0.9387	0.9387	-0.9387	2.046	7.639
2/23/1996	54	7.7087	1.1	-0.2826	0.2826	-0.2826	1.709	0.646
2/24/1996	55	7.5667	1.0	-2.9660	2.9660	-2.9660	1.567	13.934
2/25/1996	56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39.507
2/26/1996	57	7.5375	0.0	1.3625	1.3625	0.0000	1.538	3.213
2/27/1996	58	7.2348	9.4	-3.1887	3.1887	-3.1887	1.235	18.103
2/28/1996	59	7.5292	3.8	-1.2143	1.2143	-1.2143	1.529	4.616
2/29/1996	60	7.5950	9.8	-1.3874	1.3874	-1.3874	1.595	5.197
3/1/1996	61	7.4652	8.9	-0.9754	0.9754	-0.9754	1.465	3.516
3/2/1996	62	7.5000	8.9	-1.8626	1.8626	-1.8626	1.500	7.917
3/3/1996	63	7.1167	0.4	-2.2719	2.2719	-2.2719	1.117	12.603
3/4/1996	64	7.2083	0.3	-1.1021	1.1021	-1.1021	1.208	4.719
3/5/1996	65	7.0375	5.9	1.7633	1.7633	0.0000	1.038	9.603
3/6/1996	66	7.0958	0.9	2.7435	2.7435	0.0000	1.096	16.262
3/7/1996	67	6.8250	0.0	5.8997	5.8997	0.0000	0.825	53.068
3/8/1996	68	7.3750	0.0	7.8278	7.8278	0.0000	1.375	52.921
3/9/1996	69	7.8435	1.3	10.3909	10.3909	0.0000	1.843	81.684
3/10/1996	70	7.6875	0.0	8.3365	8.3365	0.0000	1.688	49.560
3/11/1996	71	7.8917	4.4	3.8476	3.8476	0.0000	1.892	16.979
3/12/1996	72	8.1542	0.7	-1.5504	1.5504	-1.5504	2.154	4.834
3/13/1996	73	8.3083	3.4	5.0075	5.0075	0.0000	2.308	20.637
3/14/1996	74	8.1882	4.6	7.2819	7.2819	0.0000	2.188	34.623

1/23/1996	23	7.6542	0.3	4.5853	4.5853	0.0000	1.654	23.389
1/24/1996	24	7.5667	3.4	-1.6661	1.6661	-1.6661	1.567	6.654
1/25/1996	25	7.7826	4.4	-1.6616	1.6616	-1.6616	1.783	6.047
1/26/1996	26	7.4958	1.4	-0.3610	0.3610	-0.3610	1.496	0.971
1/27/1996	27	7.2783	5.5	3.4543	3.4543	0.0000	1.278	19.565
1/28/1996	28	7.7917	0.1	-1.7960	1.7960	-1.7960	1.792	6.656
1/29/1996	29	7.5083	8.1	-0.8611	0.8611	-0.8611	1.508	2.937
1/30/1996	30	6.1000	8.1	-1.2351	1.2351	-1.2351	0.100	32.353
1/31/1996	31	6.3542	8.1	-4.2520	4.2520	-4.2520	0.354	63.824
2/1/1996	32	6.9435	7.1	-2.4609	2.4609	-2.4609	0.943	15.745
2/2/1996	33	6.7208	4.2	3.9782	3.9782	0.0000	0.721	35.288
2/3/1996	34	7.3333	0.0	8.1917	8.1917	0.0000	1.333	57.336
2/4/1996	35	7.6522	1.8	10.9771	10.9771	0.0000	1.652	71.557
2/5/1996	36	7.8167	6.2	11.8352	11.8352	0.0000	1.817	73.631
2/6/1996	37	7.7238	0.0	6.5146	6.5146	0.0000	1.724	35.599
2/7/1996	38	7.6625	7.1	6.6036	6.6036	0.0000	1.663	37.172
2/8/1996	39	7.7500	1.2	1.0165	1.0165	0.0000	1.750	3.266
2/9/1996	40	6.9615	3.2	-0.8971	0.8971	-0.8971	0.962	4.269
2/10/1996	41	7.1150	0.6	8.0201	8.0201	0.0000	1.115	63.403
2/11/1996	42	7.4833	0.0	6.7965	6.7965	0.0000	1.483	41.839
2/12/1996	43	7.4286	1.6	7.8817	7.8817	0.0000	1.429	51.951
2/13/1996	44	8.1000	0.2	7.1891	7.1891	0.0000	2.100	35.075
2/14/1996	45	8.0391	0.0	0.3737	0.3737	0.0000	2.039	0.814
2/15/1996	46	7.4091	0.0	-4.2675	4.2675	-4.2675	1.409	23.922
2/16/1996	47	7.4391	0.0	-0.4481	0.4481	-0.4481	1.439	1.317
2/17/1996	48	7.5478	0.5	7.2651	7.2651	0.0000	1.548	44.202
2/18/1996	49	7.6522	0.0	3.7773	3.7773	0.0000	1.652	18.265
2/19/1996	50	7.8579	2.2	3.1600	3.1600	0.0000	1.858	13.367
2/20/1996	51	7.6913	2.7	7.7021	7.7021	0.0000	1.691	44.713
2/21/1996	52	8.0889	0.3	-2.7290	2.7290	-2.7290	2.089	10.190
2/22/1996	53	8.0458	4.9	-0.9387	0.9387	-0.9387	2.046	2.639
2/23/1996	54	7.7087	1.1	-0.2826	0.2826	-0.2826	1.709	0.646
2/24/1996	55	7.5667	1.0	-2.9680	2.9680	-2.9680	1.567	13.934
2/25/1996	56	7.2500	1.3	-5.9140	5.9140	-5.9140	1.250	39.567
2/26/1996	57	7.5375	0.0	1.3625	1.3625	0.0000	1.538	5.213
2/27/1996	58	7.2348	9.4	-3.1887	3.1887	-3.1887	1.235	18.103
2/28/1996	59	7.5292	0.0	-1.2143	1.2143	-1.2143	1.529	4.516
2/29/1996	60	7.5950	9.6	-1.3874	1.3874	-1.3874	1.595	5.197
3/1/1996	61	7.4652	8.9	-0.9754	0.9754	-0.9754	1.465	3.518
3/2/1996	62	7.5000	8.9	-1.8626	1.8626	-1.8626	1.500	7.917
3/3/1996	63	7.1167	0.4	-2.2719	2.2719	-2.2719	1.117	12.603
3/4/1996	64	7.2083	0.3	-1.1021	1.1021	-1.1021	1.208	4.719
3/5/1996	65	7.0375	5.9	1.7633	1.7633	0.0000	1.038	9.603
3/6/1996	66	7.0958	0.9	2.7435	2.7435	0.0000	1.096	16.262
3/7/1996	67	6.8250	0.0	5.8997	5.8997	0.0000	0.825	53.068
3/8/1996	68	7.3750	0.0	7.8278	7.8278	0.0000	1.375	52.921
3/9/1996	69	7.8435	1.3	10.3909	10.3909	0.0000	1.843	61.684
3/10/1996	70	7.6875	0.0	8.3365	8.3365	0.0000	1.688	49.560
3/11/1996	71	7.8917	4.4	3.8476	3.8476	0.0000	1.892	16.979
3/12/1996	72	8.1542	0.7	-1.5504	1.5504	-1.5504	2.154	4.834
3/13/1996	73	8.3083	3.4	5.0075	5.0075	0.0000	2.308	20.637
3/14/1996	74	8.1882	4.6	7.2819	7.2819	0.0000	2.188	34.623

3/15/1996	75	8.1045	6.4	-3.7336	3.7336	-3.7336	2.105	15.139
3/16/1996	76	7.9696	0.0	3.4865	3.4865	0.0000	1.970	14.541
3/17/1996	77	7.7792	5.2	-1.4528	1.4528	-1.4528	1.779	5.099
3/18/1996	78	7.9875	1.6	6.7591	6.7591	0.0000	1.988	33.712
3/19/1996	79	8.0300	0.0	11.5963	11.5963	0.0000	2.030	66.266
3/20/1996	80	7.9650	0.1	6.6570	6.6570	0.0000	1.965	33.332
3/21/1996	81	7.9000	1.6	1.7178	1.7178	0.0000	1.900	6.029
3/22/1996	82	7.7292	7.6	-7.5513	7.5513	-7.5513	1.729	42.911
3/23/1996	83	7.6125	10.8	-6.6372	6.6372	-6.6372	1.613	38.239
3/24/1996	84	7.3826	11.3	-1.4234	1.4234	-1.4234	1.383	5.947
3/25/1996	85	7.4417	9.7	-2.5671	2.5671	-2.5671	1.442	12.279
3/26/1996	86	7.5900	11.0	-4.7706	4.7706	-4.7706	1.590	25.310
3/27/1996	87	7.6318	11.7	-1.8053	1.8053	-1.8053	1.632	7.162
3/28/1996	88	7.6542	10.6	-8.3140	8.3140	-8.3140	1.654	50.096
3/29/1996	89	7.6292	11.6	-2.3651	2.3651	-2.3651	1.629	10.132
3/30/1996	90	7.4583	7.8	1.2513	1.2513	0.0000	1.458	4.855
3/31/1996	91	7.3870	0.0	8.1640	8.1640	0.0000	1.387	55.503
4/1/1996	92	6.9500	3.9	2.4561	2.4561	0.0000	0.950	15.629
4/2/1996	93	6.8042	3.5	-1.1260	1.1260	-1.1260	0.804	6.487
4/3/1996	94	7.1500	8.5	9.1891	9.1891	0.0000	1.150	73.819
4/4/1996	95	7.9263	0.0	13.2366	13.2366	0.0000	1.926	81.489
4/5/1996	96	6.4011	0.0	8.8265	8.8265	0.0000	0.401	148.722
4/6/1996	97	7.2932	4.6	6.6215	6.6215	0.0000	1.293	44.628
4/7/1996	98	7.3065	0.3	5.5189	5.5189	0.0000	1.306	35.091
4/8/1996	99	7.2996	0.3	4.9677	4.9677	0.0000	1.300	30.785
4/9/1996	100	7.2536	2.9	4.6921	4.6921	0.0000	1.254	29.362
4/10/1996	101	7.9696	0.2	4.4164	4.4164	0.0000	1.970	19.680
4/11/1996	102	7.9636	0.3	6.6784	6.6784	0.0000	1.964	33.485
4/12/1996	103	8.0111	7.9	-3.3775	3.3775	-3.3775	2.011	13.755
4/13/1996	104	8.1542	0.8	4.4964	4.4964	0.0000	2.154	18.890
4/14/1996	105	8.1913	0.4	7.5521	7.5521	0.0000	2.191	36.239
4/15/1996	106	8.2042	3.8	9.0180	9.0180	0.0000	2.204	45.288
4/16/1996	107	8.2667	1.9	4.3282	4.3282	0.0000	2.267	17.348
4/17/1996	108	8.2958	6.9	4.7654	4.7654	0.0000	2.296	19.444
4/18/1996	109	8.4917	3.6	7.1737	7.1737	0.0000	2.492	30.958
4/19/1996	110	8.7769	0.5	3.7251	3.7251	0.0000	2.777	12.384
4/20/1996	111	8.8800	13.3	0.0694	0.0694	0.0000	2.880	0.074
4/21/1996	112	8.9950	11.3	5.1719	5.1719	0.0000	2.995	17.858
4/22/1996	113	9.1100	0.2	10.2743	10.2743	0.0000	3.110	41.853
4/23/1996	114	8.9083	1.0	7.2179	7.2179	0.0000	2.908	27.941
4/24/1996	115	8.7875	5.6	-1.1027	1.1027	-1.1027	2.788	2.600
4/25/1996	116	9.1217	1.5	12.1194	12.1194	0.0000	3.122	51.567
4/26/1996	117	8.8583	4.3	2.7310	2.7310	0.0000	2.858	8.154
4/27/1996	118	9.0792	6.8	-1.3132	1.3132	-1.3132	3.079	3.029
4/28/1996	119	9.1083	0.0	10.9581	10.9581	0.0000	3.108	45.469
4/29/1996	120	8.9208	4.3	2.4587	2.4587	0.0000	2.921	7.018
4/30/1996	121	9.1375	4.1	-1.2082	1.2082	-1.2082	3.138	2.686
5/1/1996	122	9.3042	3.2	-4.3531	4.3531	-4.3531	3.304	13.353
5/2/1996	123	9.1417	13.2	-5.6320	5.6320	-5.6320	3.142	19.248
5/3/1996	124	9.2042	3.7	-7.9250	7.9250	-7.9250	3.204	29.387
5/4/1996	125	9.2083	8.3	-4.9197	4.9197	-4.9197	3.208	15.948
5/5/1996	126	9.4667	7.9	-3.8008	3.8008	-3.8008	3.467	10.846

5/6/1996	127	9.3708	2.2	-6.0153	6.0153	-6.0153	3.371	19.914
5/7/1996	128	9.1667	13.5	-3.9685	3.9685	-3.9685	3.167	12.227
5/8/1996	129	9.2000	13.4	-2.3634	2.3634	-2.3634	3.200	6.251
5/9/1996	130	9.7588	4.7	-1.0838	1.0838	-1.0838	3.759	2.054
5/10/1996	131	9.8667	7.0	2.2635	2.2635	0.0000	3.867	5.167
5/11/1996	132	9.6917	0.0	2.6694	2.6694	0.0000	3.692	6.597
5/12/1996	133	9.5917	0.8	8.4506	8.4506	0.0000	3.592	29.407
5/13/1996	134	9.7696	0.0	-0.2707	0.2707	-0.2707	3.770	0.347
5/14/1996	135	9.9304	8.8	0.6763	0.6763	0.0000	3.930	1.088
5/15/1996	136	9.9063	8.2	8.8067	8.8067	0.0000	3.906	29.198
5/16/1996	137	9.6609	7.1	6.3278	6.3278	0.0000	3.661	20.032
5/17/1996	138	10.0000	2.0	1.5796	1.5796	0.0000	4.000	3.183
5/18/1996	139	10.1625	5.1	-1.5715	1.5715	-1.5715	4.163	3.073
5/19/1996	140	10.2313	1.5	1.6539	3.2254	-0.7857	4.231	7.624
5/20/1996	141	10.2313	3.0	1.6539	3.2254	-0.7857	4.231	7.624
5/21/1996	142	10.3000	3.6	4.8794	4.8794	0.0000	4.300	12.803
5/22/1996	143	10.0556	1.0	-11.5313	11.5313	-11.5313	4.056	40.140
5/23/1996	144	10.0042	10.0	-7.0117	7.0117	-7.0117	4.004	21.428
5/24/1996	145	10.2167	3.6	3.4395	3.4395	0.0000	4.217	8.299
5/25/1996	146	10.1261	6.0	2.0575	2.0575	0.0000	4.126	4.366
5/26/1996	147	10.3167	14.2	-5.4879	5.4879	-5.4879	4.317	14.841
5/27/1996	148	10.4333	12.8	-7.8299	7.8299	-7.8299	4.433	22.949
5/28/1996	149	10.3208	11.7	-11.3130	11.3130	-11.3130	4.321	37.437
5/29/1996	150	10.2583	10.2	-7.9728	7.9728	-7.9728	4.258	24.172
5/30/1996	151	10.7042	5.0	1.5923	1.5923	0.0000	4.704	2.864
5/31/1996	152	11.1389	5.2	3.7880	3.7880	0.0000	5.139	8.153
6/1/1996	153	11.3208	1.8	4.3137	4.3137	0.0000	5.321	9.392
6/2/1996	154	11.3667	2.3	-0.7402	0.7402	-0.7402	5.367	0.978
6/3/1996	155	11.6875	6.9	-1.1094	1.1094	-1.1094	5.688	1.575
6/4/1996	156	11.3958	0.9	4.2117	4.2117	0.0000	5.396	9.019
6/5/1996	157	11.2500	7.5	2.4134	2.4134	0.0000	5.250	4.509
6/6/1996	158	10.9458	9.7	9.5404	9.5404	0.0000	4.946	27.332
6/7/1996	159	10.8750	8.1	7.4133	7.4133	0.0000	4.875	19.995
6/8/1996	160	10.9000	2.9	7.5881	7.5881	0.0000	4.900	20.525
6/9/1996	161	10.7550	0.4	6.1683	6.1683	0.0000	4.755	16.086
6/10/1996	162	10.6100	3.0	4.7484	4.7484	0.0000	4.610	11.766
6/11/1996	163	10.7333	1.3	3.0951	3.0951	0.0000	4.733	6.676
6/12/1996	164	10.8083	2.4	4.9298	4.9298	0.0000	4.808	11.978
6/13/1996	165	10.8542	10.4	1.0864	1.0864	0.0000	4.854	1.717
6/14/1996	166	10.9292	6.2	6.4730	6.4730	0.0000	4.929	16.676
6/15/1996	167	10.7300	2.9	3.2314	3.2314	0.0000	4.730	7.058
6/16/1996	168	11.0105	9.2	-0.6551	3.8865	-2.2708	5.010	8.579
6/17/1996	169	11.2909	8.4	-4.5416	4.5416	-4.5416	5.291	10.073
6/18/1996	170	11.4000	12.6	-5.4227	5.4227	-5.4227	5.400	12.456
6/19/1996	171	11.8958	10.8	-4.3199	4.3199	-4.3199	5.896	8.745
6/20/1996	172	11.7958	12.5	-8.5821	8.5821	-8.5821	5.796	21.313
6/21/1996	173	11.6000	9.5	-6.7483	6.7483	-6.7483	5.600	16.058
6/22/1996	174	12.2000	0.0	-0.9236	0.9236	-0.9236	6.200	1.171
6/23/1996	175	12.2889	9.3	-1.5143	1.5143	-1.5143	6.289	2.183
6/24/1996	176	12.3778	6.7	-2.1050	2.1050	-2.1050	6.378	3.294
6/25/1996	177	12.3708	8.6	4.5201	4.5201	0.0000	6.371	8.768
6/26/1996	178	12.1583	0.0	4.4303	4.4303	0.0000	6.158	8.755

6/27/1996	179	12.2333	0.0	2.4417	2.4417	0.0000	6.233	4.049
6/28/1996	180	12.3458	1.6	4.2474	4.2474	0.0000	6.346	8.120
6/29/1996	181	12.4609	0.2	6.5406	6.5406	0.0000	6.461	13.930
6/30/1996	182	11.4053	0.0	1.6302	1.6302	0.0000	5.405	2.673
7/1/1996	183	11.9083	9.9	-4.9070	4.9070	-4.9070	5.908	10.279
7/2/1996	184	11.8542	0.0	-9.2938	9.2938	-9.2938	5.854	23.433
7/3/1996	185	11.8750	1.8	-3.3257	3.3257	-3.3257	5.875	6.273
7/4/1996	186	11.8083	2.4	0.4108	0.4108	0.0000	5.808	0.435
7/5/1996	187	12.3042	2.8	-0.6422	0.6422	-0.6422	6.304	0.727
7/6/1996	188	12.5083	8.5	1.8873	1.8873	0.0000	6.508	2.823
7/7/1996	189	12.8792	13.2	0.1218	0.1218	0.0000	6.879	0.081
7/8/1996	190	13.0292	0.3	-3.9454	3.9454	-3.9454	7.029	6.868
7/9/1996	191	12.8292	2.2	-1.7309	1.7309	-1.7309	6.829	2.442
7/10/1996	192	13.1833	12.8	0.5897	0.5897	0.0000	7.183	0.594
7/11/1996	193	13.3667	13.7	1.2981	1.2981	0.0000	7.367	1.601
7/12/1996	194	13.7875	14.6	-7.4826	7.4826	-7.4826	7.788	14.483
7/13/1996	195	13.6000	14.6	-7.2320	7.2320	-7.2320	7.600	14.108
7/14/1996	196	12.1700	12.0	-8.8736	8.8736	-8.8736	6.170	21.273
7/15/1996	197	10.7400	12.9	-10.5151	10.5151	-10.5151	4.740	31.911
7/16/1996	198	10.8609	4.4	-7.1587	7.1587	-7.1587	4.861	19.160
7/17/1996	199	12.1333	9.9	-1.0161	1.0161	-1.0161	6.133	1.333
7/18/1996	200	12.0609	1.3	4.0607	4.0607	0.0000	6.061	7.921
7/19/1996	201	13.0364	0.3	6.1399	6.1399	0.0000	7.036	12.088
7/20/1996	202	13.0500	0.0	2.9723	2.9723	0.0000	7.050	4.769
7/21/1996	203	13.1875	6.7	2.5722	2.5722	0.0000	7.188	3.909
7/22/1996	204	13.4609	12.3	-2.1649	2.1649	-2.1649	7.461	3.053
7/23/1996	205	13.0333	12.6	-9.9217	9.9217	-9.9217	7.033	22.350
7/24/1996	206	12.7875	14.0	-11.1180	11.1180	-11.1180	6.788	26.521
7/25/1996	207	12.0958	7.8	-10.1086	10.1086	-10.1086	6.096	25.352
7/26/1996	208	12.7833	10.4	-7.4845	7.4845	-7.4845	6.783	15.988
7/27/1996	209	13.7583	8.6	-6.2334	6.2334	-6.2334	7.758	11.494
7/28/1996	210	14.1217	7.7	-4.0460	4.0460	-4.0460	8.122	6.398
7/29/1996	211	14.8333	11.2	0.8930	0.8930	0.0000	8.833	0.871
7/30/1996	212	14.4750	12.1	0.2152	0.2152	0.0000	8.475	0.145
7/31/1996	213	14.2958	10.9	-1.0410	1.0410	-1.0410	8.296	1.109
8/1/1996	214	14.7708	0.0	-2.7220	2.7220	-2.7220	8.771	3.646
8/2/1996	215	14.2000	7.8	-7.7198	7.7198	-7.7198	8.200	14.528
8/3/1996	216	14.0375	0.5	2.6644	2.6644	0.0000	8.038	3.776
8/4/1996	217	14.2750	4.1	-3.9677	3.9677	-3.9677	8.275	6.157
8/5/1996	218	14.1917	12.9	-7.1462	7.1462	-7.1462	8.192	13.170
8/6/1996	219	14.3208	11.0	-2.9087	2.9087	-2.9087	8.321	4.121
8/7/1996	220	15.0875	9.7	1.6010	1.6010	0.0000	9.088	1.802
8/8/1996	221	15.0417	11.6	4.2048	4.2048	0.0000	9.042	6.225
8/9/1996	222	14.8625	5.1	4.3559	4.3559	0.0000	8.863	6.607
8/10/1996	223	14.8625	3.7	1.7250	1.7250	0.0000	8.863	2.019
8/11/1996	224	14.7670	1.7	2.9807	2.9807	0.0000	8.767	4.097
8/12/1996	225	14.6714	9.3	4.2363	4.2363	0.0000	8.671	6.475
8/13/1996	226	15.2632	11.5	0.6088	0.6088	0.0000	9.263	0.516
8/14/1996	227	15.5333	8.9	-1.7924	1.7924	-1.7924	9.533	2.013
8/15/1996	228	14.9542	2.2	4.5623	4.5623	0.0000	8.954	6.959
8/16/1996	229	14.7826	3.3	2.3587	2.3587	0.0000	8.783	3.032
8/17/1996	230	14.9708	0.7	-3.4254	3.4254	-3.4254	8.971	4.815

8/18/1996	231	14.8143	0.0	2.0283	2.0283	0.0000	8.814	2.493
8/19/1996	232	14.8000	0.2	2.6314	2.6314	0.0000	8.800	3.483
8/20/1996	233	15.0042	5.9	0.0958	0.0958	0.0000	9.004	0.049
8/21/1996	234	14.8167	0.0	9.7212	9.7212	0.0000	8.817	18.529
8/22/1996	235	14.2625	1.9	8.9939	8.9939	0.0000	8.263	17.569
8/23/1996	236	14.3542	8.3	1.3969	1.3969	0.0000	8.354	1.607
8/24/1996	237	14.6000	7.6	-6.3422	6.3422	-6.3422	8.600	10.918
8/25/1996	238	14.4917	5.3	-7.2107	7.2107	-7.2107	8.492	12.985
8/26/1996	239	14.5833	3.5	-5.4232	5.4232	-5.4232	8.583	8.948
8/27/1996	240	14.6042	10.1	-0.2431	0.2431	-0.2431	8.604	0.168
8/28/1996	241	14.5783	0.9	7.7234	7.7234	0.0000	8.578	14.076
8/29/1996	242	14.6417	5.7	5.5328	5.5328	0.0000	8.642	9.136
8/30/1996	243	14.7375	2.8	2.1073	2.1073	0.0000	8.738	2.635
8/31/1996	244	14.8889	2.9	0.3633	0.3633	0.0000	8.889	0.274
9/1/1996	245	14.7000	8.5	-1.2900	1.6533	-1.4717	8.700	1.937
9/2/1996	246	14.7000	0.0	-1.2900	1.6533	-1.4717	8.700	1.937
9/3/1996	247	14.5111	6.0	-2.9434	2.9434	-2.9434	8.511	4.117
9/4/1996	248	14.5667	7.5	-5.1551	5.1551	-5.1551	8.567	8.398
9/5/1996	249	14.6600	3.2	-2.0364	2.0364	-2.0364	8.660	2.538
9/6/1996	250	14.6667	0.0	3.0677	3.0677	0.0000	8.667	4.286
9/7/1996	251	14.7500	0.0	1.9399	1.9399	0.0000	8.750	2.367
9/8/1996	252	14.7500	1.6	1.9399	1.9399	0.0000	8.750	2.367
9/9/1996	253	14.8333	7.3	0.8120	0.8120	0.0000	8.833	0.771
9/10/1996	254	14.7500	11.3	6.2442	6.2442	0.0000	8.750	10.571
9/11/1996	255	14.5833	10.0	6.7162	6.7162	0.0000	8.583	11.765
9/12/1996	256	14.5667	2.6	5.4565	5.4565	0.0000	8.567	9.031
9/13/1996	257	14.6692	0.4	8.6634	8.6634	0.0000	8.669	16.182
9/14/1996	258	14.4542	4.5	5.1320	5.1320	0.0000	8.454	8.429
9/15/1996	259	14.1625	9.5	7.6969	7.6969	0.0000	8.163	14.520
9/16/1996	260	13.9292	4.0	1.3252	1.3252	0.0000	7.929	1.559
9/17/1996	261	14.0542	0.0	7.2683	7.2683	0.0000	8.054	13.622
9/18/1996	262	13.9400	1.0	0.8946	0.8946	0.0000	7.940	0.942
9/19/1996	263	13.8421	7.9	-1.9163	1.9163	-1.9163	7.842	2.520
9/20/1996	264	13.6700	1.3	-0.5759	0.5759	-0.5759	7.670	0.550
9/21/1996	265	13.5167	2.8	-2.2181	2.2181	-2.2181	7.517	3.132
9/22/1996	266	13.3917	10.9	-4.4322	4.4322	-4.4322	7.392	7.690
9/23/1996	267	13.3125	8.9	0.5954	0.5954	0.0000	7.313	0.593
9/24/1996	268	13.0667	9.6	-6.7124	6.7124	-6.7124	7.067	13.508
9/25/1996	269	13.1458	10.9	-2.4990	2.4990	-2.4990	7.146	3.783
9/26/1996	270	13.5111	8.1	3.2865	3.2865	0.0000	7.511	5.184
9/27/1996	271	13.5368	2.0	2.8922	2.8922	0.0000	7.537	4.391
9/28/1996	272	13.4292	0.2	-2.8437	2.8437	-2.8437	7.429	4.341
9/29/1996	273	12.9583	10.1	-9.7229	9.7229	-9.7229	6.958	21.946
9/30/1996	274	12.6261	10.5	-9.7155	9.7155	-9.7155	6.626	22.704
10/1/1996	275	12.4667	5.4	-3.5133	3.5133	-3.5133	6.467	6.284
10/2/1996	276	12.6056	0.1	10.1986	10.1986	0.0000	6.606	24.212
10/3/1996	277	12.4167	0.0	9.9767	9.9767	0.0000	6.417	24.033
10/4/1996	278	12.3000	0.6	4.0351	4.0351	0.0000	6.300	7.643
10/5/1996	279	12.2792	3.0	5.8188	5.8188	0.0000	6.279	12.241
10/6/1996	280	12.0958	0.2	12.5154	12.5154	0.0000	6.096	33.322
10/7/1996	281	12.0500	2.5	5.9709	5.9709	0.0000	6.050	12.992
10/8/1996	282	12.1261	1.7	4.3627	4.3627	0.0000	6.126	8.617

10/9/1996	283	12.2042	6.7	6.6684	6.6684	0.0000	6.204	14.699
10/10/1996	284	12.2417	0.8	-2.1181	2.1181	-2.1181	6.242	3.372
10/11/1996	285	12.0682	6.6	3.5765	3.5765	0.0000	6.068	6.727
10/12/1996	286	12.0458	0.3	12.2950	12.2950	0.0000	6.046	32.765
10/13/1996	287	11.9348	0.7	6.6119	6.6119	0.0000	5.935	15.008
10/14/1996	288	11.7792	1.1	5.7389	5.7389	0.0000	5.779	12.760
10/15/1996	289	11.4667	6.6	-4.9450	4.9450	-4.9450	5.467	10.973
10/16/1996	290	11.3435	0.0	0.0040	0.0040	0.0000	5.343	0.001
10/17/1996	291	11.1292	0.0	10.5289	10.5289	0.0000	5.129	30.213
10/18/1996	292	10.8500	1.5	-6.2324	6.2324	-6.2324	4.850	16.072
10/19/1996	293	10.7375	6.0	-3.9590	3.9590	-3.9590	4.738	9.143
10/20/1996	294	10.9750	0.0	7.0822	7.0822	0.0000	4.975	18.588
10/21/1996	295	10.8250	0.1	13.5642	13.5642	0.0000	4.825	43.648
10/22/1996	296	10.6292	4.8	10.2650	10.2650	0.0000	4.629	31.469
10/23/1996	297	10.5375	0.0	5.9751	5.9751	0.0000	4.538	15.969
10/24/1996	298	10.3854	1.0	6.3199	6.3199	0.0000	4.385	17.580
10/25/1996	299	10.2333	7.3	6.3199	6.3199	0.0000	4.233	18.029
10/26/1996	300	10.1167	0.0	6.6646	6.6646	0.0000	4.117	19.686
10/27/1996	301	10.1125	0.0	5.5115	5.5115	0.0000	4.113	15.448
10/28/1996	302	10.1708	7.6	-7.05	7.0453	-7.0453	4.171	20.941
10/29/1996	303	10.0045	5.4	-8.04	8.0354	-8.0354	4.005	25.510
10/30/1996	304	9.9583	8.3	-3.47	3.4666	-3.4666	3.958	8.769
10/31/1996	305	9.9455	8.3	1.6087	1.6087	0.0000	3.945	3.290
11/1/1996	306	9.8583	3.9	4.0399	4.0399	0.0000	3.858	10.864
11/2/1996	307	9.8208	0.0	4.9362	4.9362	0.0000	3.821	14.138
11/3/1996	308	9.6375	0.7	3.7728	3.7728	0.0000	3.638	10.381
11/4/1996	309	9.6250	6.4	3.4472	3.4472	0.0000	3.625	9.271
11/5/1996	310	9.7417	0.0	6.8999	6.8999	0.0000	3.742	22.033
11/6/1996	311	9.6458	4.6	6.4348	6.4348	0.0000	3.646	20.527
11/7/1996	312	9.6167	0.0	6.7794	6.7794	0.0000	3.617	22.070
11/8/1996	313	9.6125	0.0	3.6387	3.6387	0.0000	3.613	9.960
11/9/1996	314	9.6625	1.1	7.6559	7.6559	0.0000	3.663	25.556
11/10/1996	315	9.7217	0.0	6.4348	6.4348	0.0000	3.722	20.227
11/11/1996	316	9.7083	0.8	6.5497	6.5497	0.0000	3.708	20.744
11/12/1996	317	9.7500	1.4	6.6646	6.6646	0.0000	3.750	21.042
11/13/1996	318	9.5958	2.2	4.1403	4.1403	0.0000	3.596	11.789
11/14/1996	319	9.4917	0.0	1.1710	1.1710	0.0000	3.492	2.391
11/15/1996	320	9.2958	0.0	-5.12	5.1177	-5.1177	3.296	16.455
11/16/1996	321	8.5167	0.0	-7.94	7.9382	-7.9382	2.517	34.993
11/17/1996	322	8.3958	4.4	-0.49	0.4914	-0.4914	2.396	1.029
11/18/1996	323	7.8542	3.8	-0.76	0.7579	-0.7579	1.854	2.153
11/19/1996	324	7.5792	7.7	-2.44	2.4371	-2.4371	1.579	10.766
11/20/1996	325	7.2783	6.7	-5.48	5.4828	-5.4828	1.278	35.344
11/21/1996	326	7.5696	6.2	-4.30	4.2975	-4.2975	1.570	22.349
11/22/1996	327	7.6458	7.2	-3.44	3.4430	-3.4430	1.646	16.266
11/23/1996	328	7.4125	0.0	11.48	11.4795	0.0000	1.413	84.748
11/24/1996	329	7.6583	0.0	15.13	15.1257	0.0000	1.658	107.574
11/25/1996	330	8.2750	2.0	5.5794	5.5794	0.0000	2.275	23.948
11/26/1996	331	8.3250	0.0	11.1080	11.1080	0.0000	2.325	56.925
11/27/1996	332	8.3875	0.0	4.4988	4.4988	0.0000	2.388	17.564
11/28/1996	333	8.2792	1.8	4.5968	4.5968	0.0000	2.279	18.664
11/29/1996	334	8.2250	0.0	4.6948	4.6948	0.0000	2.225	19.507

11/30/1996	335	8.3000	0.1	6.1603	6.1603	0.0000	2.300	26.973
12/1/1996	336	8.1917	4.6	4.7112	4.7112	0.0000	2.192	19.807
12/2/1996	337	8.1125	0.6	7.8903	7.8903	0.0000	2.113	39.345
12/3/1996	338	8.0667	1.9	5.4517	5.4517	0.0000	2.067	24.899
12/4/1996	339	8.2435	0.6	8.8435	8.8435	0.0000	2.243	43.616
12/5/1996	340	8.0957	0.5	5.7913	5.7913	0.0000	2.096	26.635
12/6/1996	341	7.9167	0.4	5.8805	5.8805	0.0000	1.917	28.949
12/7/1996	342	7.9909	0.1	6.6965	6.6965	0.0000	1.991	33.272
12/8/1996	343	7.9739	0.0	5.2022	5.2022	0.0000	1.974	24.231
12/9/1996	344	8.0333	0.0	7.2518	7.2518	0.0000	2.033	36.294
12/10/1996	345	7.9542	0.2	6.2337	6.2337	0.0000	1.954	30.764
12/11/1996	346	7.8000	0.0	7.2191	7.2191	0.0000	1.800	39.365
12/12/1996	347	7.9556	4.3	8.1201	8.1201	0.0000	1.956	43.131
12/13/1996	348	7.9917	0.6	2.2216	2.2216	0.0000	1.992	8.102
12/14/1996	349	7.9708	0.0	9.6216	9.6216	0.0000	1.971	53.296
12/15/1996	350	7.9875	4.8	11.2225	11.2225	0.0000	1.988	64.512
12/16/1996	351	7.8542	0.4	9.8437	9.8437	0.0000	1.854	57.319
12/17/1996	352	7.9292	0.0	9.8437	9.8437	0.0000	1.929	55.719
12/18/1996	353	7.8667	0.0	8.4648	8.4648	0.0000	1.867	47.025
12/19/1996	354	8.0667	0.0	7.2362	7.2362	0.0000	2.067	35.776
12/20/1996	355	7.8542	0.0	5.0887	5.0887	0.0000	1.854	24.633
12/21/1996	356	7.4375	0.1	-1.81	1.8104	-1.8104	1.438	7.869
12/22/1996	357	7.1250	0.0	1.44	1.4351	0.0000	1.125	6.963
12/23/1996	358	7.0500	2.1	2.83	2.8314	0.0000	1.050	17.457
12/24/1996	359	7.3083	0.2	7.50	7.4985	0.0000	1.308	51.898
12/25/1996	360	7.1765	6.3	-2.16	2.1566	-2.1566	1.176	11.359
12/26/1996	361	7.1049	6.3	-4.0287	4.0287	-4.0287	1.105	26.436
12/27/1996	362	7.0333	6.3	-5.90	5.9008	-5.9008	1.033	45.197
12/28/1996	363	6.6208	4.1	-3.64	3.6364	-3.6364	0.621	34.994
12/29/1996	364	6.5600	0.0	0.84	0.8396	0.0000	0.560	5.769
12/30/1996	365	8.3732	0.0	-1.7868	1.7868	-1.7868	2.373	5.410
12/31/1996	366	7.2518	0.0	-3.1000	3.1000	-3.1000	1.252	17.291
1/1/1997	1	8.3709	1.3	-3.7566	3.7566	-3.7566	2.371	14.014
1/2/1997	2	6.4222	0.1	-4.41	4.4132	-4.4132	0.422	59.043
1/3/1997	3	6.4727	2.6	5.5666	5.5666	0.0000	0.473	73.316
1/4/1997	4	6.5700	4.7	6.6083	6.6083	0.0000	0.570	79.899
1/5/1997	5	6.5417	0.3	7.6500	7.6500	0.0000	0.542	99.936
1/6/1997	6	7.0750	0.0	6.7765	6.7765	0.0000	1.075	52.454
1/7/1997	7	7.2913	0.0	4.5388	4.5388	0.0000	1.291	27.551
1/8/1997	8	7.3583	0.0	5.2579	5.2579	0.0000	1.358	32.076
1/9/1997	9	7.6381	0.1	8.8350	8.8350	0.0000	1.638	54.529
1/10/1997	10	7.5667	0.2	3.2089	3.2089	0.0000	1.567	15.397
1/11/1997	11	7.6333	0.0	4.2132	4.2132	0.0000	1.633	21.178
1/12/1997	12	7.5652	5.2	3.8558	3.8558	0.0000	1.565	19.490
1/13/1997	13	8.0870	0.0	2.0556	2.0556	0.0000	2.087	7.095
1/14/1997	14	7.5042	1.1	0.2553	0.2553	0.0000	1.504	0.621
1/15/1997	15	7.3273	4.3	4.0217	4.0217	0.0000	1.327	23.141
1/16/1997	16	7.7217	0.0	4.0217	4.0217	0.0000	1.722	19.217
1/17/1997	17	8.0565	1.3	7.7881	7.7881	0.0000	2.057	39.443
1/18/1997	18	8.2391	0.0	7.4051	7.4051	0.0000	2.239	34.798
1/19/1997	19	7.9083	0.7	1.2640	1.2640	0.0000	1.908	4.059
1/20/1997	20	7.9348	0.2	2.9302	2.9302	0.0000	1.935	11.789

1/21/1997	21	8.0292	0.0	4.5963	4.5963	0.0000	2.029	20.276
1/22/1997	22	7.8625	0.5	2.9301	2.9301	0.0000	1.863	12.114
1/23/1997	23	7.6174	2.8	1.2257	1.2257	0.0000	1.617	4.391
1/24/1997	24	7.5750	4.6	5.3202	5.3202	0.0000	1.575	29.299
1/25/1997	25	7.0250	6.0	5.3202	5.3202	0.0000	1.025	39.815
1/26/1997	26	7.1625	2.2	9.4147	9.4147	0.0000	1.163	75.562
1/27/1997	27	7.6625	0.0	10.3926	10.3926	0.0000	1.663	66.421
1/28/1997	28	7.7333	0.8	7.2446	7.2446	0.0000	1.733	40.623
1/29/1997	29	7.8500	0.0	9.6828	9.6828	0.0000	1.850	56.213
1/30/1997	30	8.0042	1.1	13.4276	13.4276	0.0000	2.004	80.682
1/31/1997	31	7.8333	1.3	5.4772	5.4772	0.0000	1.833	27.285
2/1/1997	32	7.8667	3.1	5.2718	5.2718	0.0000	1.867	25.650
2/2/1997	33	7.6708	1.6	1.6853	1.6853	0.0000	1.671	6.449
2/3/1997	34	7.6708	1.2	4.8644	4.8644	0.0000	1.671	25.046
2/4/1997	35	7.8250	1.7	8.0435	8.0435	0.0000	1.825	44.766
2/5/1997	36	7.4625	0.8	6.6167	6.6167	0.0000	1.463	40.838
2/6/1997	37	7.4958	1.2	5.1900	5.1900	0.0000	1.496	29.448
2/7/1997	38	7.6208	2.9	3.6940	3.6940	0.0000	1.621	17.996
2/8/1997	39	7.6875	3.3	0.0958	0.0958	0.0000	1.688	0.163
2/9/1997	40	7.3333	1.7	1.8864	1.8864	0.0000	1.333	8.752
2/10/1997	41	7.3652	1.9	3.6770	3.6770	0.0000	1.365	20.222
2/11/1997	42	7.5167	1.2	3.6962	3.6962	0.0000	1.517	18.884
2/12/1997	43	7.3958	0.8	3.7153	3.7153	0.0000	1.396	20.170
2/13/1997	44	7.4333	1.9	7.0804	7.0804	0.0000	1.433	45.181
2/14/1997	45	7.4792	1.4	5.5800	5.5800	0.0000	1.479	32.570
2/15/1997	46	7.6875	2.4	8.4776	8.4776	0.0000	1.688	50.635
2/16/1997	47	7.8792	1.6	9.9075	9.9075	0.0000	1.879	57.245
2/17/1997	48	7.8292	2.4	4.7007	4.7007	0.0000	1.829	22.472
2/18/1997	49	7.8130	1.3	6.6646	6.6646	0.0000	1.813	35.355
2/19/1997	50	7.9313	3.4	9.1926	9.1926	0.0000	1.931	51.007
2/20/1997	51	7.9531	3.7	7.9190	7.9190	0.0000	1.953	41.806
2/21/1997	52	7.9750	2.0	6.6455	6.6455	0.0000	1.975	33.137
2/22/1997	53	7.9792	2.3	5.5395	5.5395	0.0000	1.979	26.210
2/23/1997	54	7.9583	3.0	2.4513	2.4513	0.0000	1.958	9.301
2/24/1997	55	7.9917	2.3	3.6847	3.6847	0.0000	1.992	15.483
2/25/1997	56	7.8000	4.1	1.8423	1.8423	0.0000	1.800	6.854
2/26/1997	57	7.6917	4.3	0.0000	0.0000	0.0000	1.692	0.000
2/27/1997	58	7.6875	4.9	2.2653	2.2653	0.0000	1.688	9.350
2/28/1997	59	7.5625	3.9	4.5306	4.5306	0.0000	1.563	23.989
3/1/1997	60	7.4833	0.5	8.5541	8.5541	0.0000	1.483	56.162
3/2/1997	61	7.4042	0.0	5.9538	5.9538	0.0000	1.404	36.728
3/3/1997	62	7.3083	9.4	5.9538	5.9538	0.0000	1.308	38.630
3/4/1997	63	7.4000	2.8	3.3536	3.3536	0.0000	1.400	17.653
3/5/1997	64	7.3688	0.0	7.8903	7.8903	0.0000	1.369	53.637
3/6/1997	65	7.4957	0.0	5.3776	5.3776	0.0000	1.496	30.821
3/7/1997	66	7.6208	5.0	5.4061	5.4061	0.0000	1.621	29.299
3/8/1997	67	7.5333	0.0	2.3237	2.3237	0.0000	1.533	10.344
3/9/1997	68	7.5500	4.2	7.5753	7.5753	0.0000	1.550	46.586
3/10/1997	69	7.3917	2.8	4.0983	4.0983	0.0000	1.392	22.918
3/11/1997	70	7.3304	2.5	5.6687	5.6687	0.0000	1.330	35.846
3/12/1997	71	7.2125	5.1	5.85	5.8459	0.0000	1.213	39.842
3/13/1997	72	7.0600	9.9	-1.22	1.2247	-1.2247	1.060	5.931

3/14/1997	73	7.1583	9.7	3.6618	3.6618	0.0000	1.158	22.619
3/15/1997	74	7.1222	7.9	6.1050	6.1050	0.0000	1.122	44.510
3/16/1997	75	7.0914	2.9	7.3266	7.3266	0.0000	1.091	57.344
3/17/1997	76	7.1064	0.0	7.9374	7.9374	0.0000	1.106	62.914
3/18/1997	77	7.1958	0.0	8.2429	8.2429	0.0000	1.196	62.466
3/19/1997	78	7.1742	2.7	8.3956	8.3956	0.0000	1.174	64.791
3/20/1997	79	6.3471	7.1	8.4719	8.4719	0.0000	0.347	156.492
3/21/1997	80	7.2693	5.0	8.5101	8.5101	0.0000	1.269	62.359
3/22/1997	81	7.2049	5.7	8.5292	8.5292	0.0000	1.205	64.907
3/23/1997	82	7.1554	8.4	8.5387	8.5387	0.0000	1.155	66.974
3/24/1997	83	7.1805	0.0	8.5435	8.5435	0.0000	1.180	66.002
3/25/1997	84	7.2165	4.3	8.5459	8.5459	0.0000	1.217	64.623
3/26/1997	85	7.2003	4.5	8.5471	8.5471	0.0000	1.200	65.257
3/27/1997	86	7.1759	0.0	8.5477	8.5477	0.0000	1.176	66.229
3/28/1997	87	7.1455	1.3	8.5480	8.5480	0.0000	1.145	67.482
3/29/1997	88	7.1943	0.0	8.5481	8.5481	0.0000	1.194	65.503
3/30/1997	89	7.1612	0.2	8.5482	8.5482	0.0000	1.161	66.828
3/31/1997	90	7.2123	5.3	8.5482	8.5482	0.0000	1.212	64.808
4/1/1997	91	7.3200	5.9	8.5483	8.5483	0.0000	1.320	60.986
4/2/1997	92	7.4667	0.0	8.4481	8.4481	0.0000	1.467	55.720
4/3/1997	93	7.2375	11.9	-7.2222	7.2222	-7.2222	1.238	51.468
4/4/1997	94	7.2792	11.0	-3.9860	3.9860	-3.9860	1.279	23.489
4/5/1997	95	7.5292	11.1	2.7287	2.7287	0.0000	1.529	12.730
4/6/1997	96	7.5500	11.2	1.4340	1.4340	0.0000	1.550	5.533
4/7/1997	97	7.6458	4.7	2.8548	2.8548	0.0000	1.646	12.799
4/8/1997	98	7.7750	10.0	-3.8925	3.8925	-3.8925	1.775	18.033
4/9/1997	99	7.5174	7.5	-10.5642	10.5642	-10.5642	1.517	72.398
4/10/1997	100	7.8458	7.9	-6.4994	6.4994	-6.4994	1.846	33.801
4/11/1997	101	8.1000	0.0	6.5275	6.5275	0.0000	2.100	30.998
4/12/1997	102	7.8417	3.5	8.5933	8.5933	0.0000	1.842	48.404
4/13/1997	103	8.3565	0.7	9.9451	9.9451	0.0000	2.357	48.939
4/14/1997	104	8.1458	1.1	7.4954	7.4954	0.0000	2.146	36.433
4/15/1997	105	7.9391	0.0	10.2728	10.2728	0.0000	1.939	58.631
4/16/1997	106	8.0500	5.7	5.0298	5.0298	0.0000	2.050	22.590
4/17/1997	107	8.1333	7.2	3.8419	3.8419	0.0000	2.133	15.552
4/18/1997	108	8.3167	8.5	0.4764	0.4764	0.0000	2.317	1.014
4/19/1997	109	8.5042	0.0	2.2728	2.2728	0.0000	2.504	7.084
4/20/1997	110	8.0042	5.3	5.4605	5.4605	0.0000	2.004	25.503
4/21/1997	111	8.2500	12.9	6.0225	6.0225	0.0000	2.250	26.618
4/22/1997	112	8.5409	7.2	1.5147	1.5147	0.0000	2.541	4.170
4/23/1997	113	8.7190	13.0	2.0904	2.0904	0.0000	2.719	6.001
4/24/1997	114	8.8053	3.5	2.2335	2.2335	0.0000	2.805	6.388
4/25/1997	115	8.2833	0.0	10.4398	10.4398	0.0000	2.283	53.263
4/26/1997	116	8.3958	6.4	7.3666	7.3666	0.0000	2.396	32.938
4/27/1997	117	8.4458	3.2	4.8832	4.8832	0.0000	2.446	19.174
4/28/1997	118	8.7857	0.0	7.8785	7.8785	0.0000	2.786	32.232
4/29/1997	119	8.8636	2.9	1.2697	1.2697	0.0000	2.864	3.055
4/30/1997	120	8.6667	1.1	3.9014	3.9014	0.0000	2.667	13.525
5/1/1997	121	8.9125	10.3	-0.2271	0.2271	-0.2271	2.913	0.333
5/2/1997	122	9.3810	2.7	3.0802	3.0802	0.0000	3.381	8.436
5/3/1997	123	9.2625	5.7	6.7110	6.7110	0.0000	3.263	23.449
5/4/1997	124	8.9783	1.7	6.7812	6.7812	0.0000	2.978	25.362

5/5/1997	125	8.8333	5.0	9.6331	9.6331	0.0000	2.833	41.190
5/6/1997	126	8.9091	3.0	6.3013	6.3013	0.0000	2.909	23.478
5/7/1997	127	9.2636	9.2	4.0607	4.0607	0.0000	3.264	12.324
5/8/1997	128	9.2500	0.5	4.6917	4.6917	0.0000	3.250	14.871
5/9/1997	129	9.0708	11.6	5.2636	5.2636	0.0000	3.071	17.941
5/10/1997	130	9.6542	10.9	1.5411	1.5411	0.0000	3.654	3.289
5/11/1997	131	9.9875	13.5	-4.5510	4.5510	-4.5510	3.988	12.359
5/12/1997	132	9.8652	13.6	-5.6542	5.6542	-5.6542	3.865	16.684
5/13/1997	133	10.1750	8.5	1.8710	1.8710	0.0000	4.175	3.834
5/14/1997	134	10.5045	11.5	0.6832	0.6832	0.0000	4.505	1.000
5/15/1997	135	11.1375	1.1	3.2575	3.2575	0.0000	5.138	6.723
5/16/1997	136	10.6913	5.8	-4.2358	4.2358	-4.2358	4.691	10.039
5/17/1997	137	10.1696	14.0	-10.0520	10.0520	-10.0520	4.170	33.011
5/18/1997	138	10.2458	14.1	-10.6671	10.6671	-10.6671	4.246	35.160
5/19/1997	139	9.9174	11.8	-12.2993	12.2993	-12.2993	3.917	44.686
5/20/1997	140	10.1000	12.3	-5.4909	5.4909	-5.4909	4.100	15.408
5/21/1997	141	10.8800	5.5	-2.4050	2.4050	-2.4050	4.880	4.729
5/22/1997	142	11.6900	12.0	-3.1826	3.1826	-3.1826	5.690	6.066
5/23/1997	143	12.5000	6.3	-3.9601	3.9601	-3.9601	6.500	7.297
5/24/1997	144	11.0522	10.5	-4.4902	4.4902	-4.4902	5.052	10.260
5/25/1997	145	11.3167	8.6	0.2527	0.2527	0.0000	5.317	0.249
5/26/1997	146	11.8542	9.9	1.1926	1.1926	0.0000	5.854	1.692
5/27/1997	147	12.1458	0.7	4.4860	4.4860	0.0000	6.146	8.909
5/28/1997	148	11.6417	0.0	5.1885	5.1885	0.0000	5.642	11.410
5/29/1997	149	11.9125	0.2	-2.8203	2.8203	-2.8203	5.913	5.056
5/30/1997	150	12.0125	0.4	-0.6193	0.6193	-0.6193	6.013	0.718
5/31/1997	151	11.9667	6.7	4.7855	4.7855	0.0000	5.967	9.884
6/1/1997	152	11.7458	2.4	8.9962	8.9962	0.0000	5.746	22.779
6/2/1997	153	10.9250	1.5	8.4110	8.4110	0.0000	4.925	23.332
6/3/1997	154	10.7913	0.0	2.9817	2.9817	0.0000	4.791	6.309
6/4/1997	155	10.9304	4.3	6.1038	6.1038	0.0000	4.930	15.466
6/5/1997	156	10.9435	7.4	5.4791	5.4791	0.0000	4.943	13.444
6/6/1997	157	10.8042	4.5	8.9257	8.9257	0.0000	4.804	25.625
6/7/1997	158	10.8250	1.6	5.9118	5.9118	0.0000	4.825	15.077
6/8/1997	159	10.9958	7.1	0.7345	0.7345	0.0000	4.996	1.019
6/9/1997	160	11.5542	11.2	-2.2971	2.2971	-2.2971	5.554	4.066
6/10/1997	161	11.7087	0.0	-0.0407	0.0407	-0.0407	5.709	0.023
6/11/1997	162	11.7273	0.0	3.3910	3.3910	0.0000	5.727	6.549
6/12/1997	163	12.6417	8.7	-0.3063	0.3063	-0.3063	6.642	0.271
6/13/1997	164	12.9167	8.5	1.2436	1.2436	0.0000	6.917	1.585
6/14/1997	165	12.9565	9.6	3.8271	3.8271	0.0000	6.957	6.655
6/15/1997	166	12.6913	2.6	3.0574	3.0574	0.0000	6.691	5.133
6/16/1997	167	12.8435	0.0	3.0370	3.0370	0.0000	6.843	5.008
6/17/1997	168	12.4238	2.8	7.9691	7.9691	0.0000	6.424	18.012
6/18/1997	169	12.5348	0.8	-0.0070	0.0070	-0.0070	6.535	0.002
6/19/1997	170	13.2708	8.6	-1.2003	1.2003	-1.2003	7.271	1.462
6/20/1997	171	14.1583	12.0	-0.6381	0.6381	-0.6381	8.158	0.600
6/21/1997	172	14.1000	11.3	-5.2486	5.2486	-5.2486	8.100	8.944
6/22/1997	173	13.7750	0.0	-6.9625	6.9625	-6.9625	7.775	13.222
6/23/1997	174	13.9375	1.1	0.0639	0.0639	0.0000	7.938	0.032
6/24/1997	175	13.7696	1.7	1.1387	1.1387	0.0000	7.770	1.303
6/25/1997	176	13.9500	0.6	0.8275	0.8275	0.0000	7.950	0.852

6/26/1997	177	13.9458	2.1	5.7936	5.7936	0.0000	7.946	10.289
6/27/1997	178	14.0875	3.3	3.9158	3.9158	0.0000	8.088	6.154
6/28/1997	179	14.8250	11.3	-1.2524	1.2524	-1.2524	8.825	1.344
6/29/1997	180	14.6917	11.1	-7.7749	7.7749	-7.7749	8.692	14.063
6/30/1997	181	14.8042	6.1	2.1288	2.1288	0.0000	8.804	2.655
7/1/1997	182	14.9609	0.9	3.6577	3.6577	0.0000	8.961	5.241
7/2/1997	183	15.1696	6.3	3.0931	3.0931	0.0000	9.170	4.160
7/3/1997	184	15.1591	4.4	3.9357	3.9357	0.0000	9.159	5.667
7/4/1997	185	15.4458	9.9	-2.1426	2.1426	-2.1426	9.446	2.546
7/5/1997	186	15.4792	0.2	0.1366	0.1366	0.0000	9.479	0.075
7/6/1997	187	14.8708	5.1	2.0073	2.0073	0.0000	8.871	2.449
7/7/1997	188	14.7375	0.0	9.5293	9.5293	0.0000	8.738	18.179
7/8/1997	189	14.0435	5.5	3.9145	3.9145	0.0000	8.043	6.175
7/9/1997	190	14.4545	7.8	4.1657	4.1657	0.0000	8.455	6.453
7/10/1997	191	15.0458	5.5	-2.1356	2.1356	-2.1356	9.046	2.615
7/11/1997	192	15.3500	12.6	-3.2926	3.2926	-3.2926	9.350	4.444
7/12/1997	193	15.4750	4.8	-0.2607	0.2607	-0.2607	9.475	0.171
7/13/1997	194	15.4431	1.5	-0.6211	0.6211	-0.6211	9.443	0.522
7/14/1997	195	15.4111	0.0	-0.9816	0.9816	-0.9816	9.411	0.940
7/15/1997	196	15.6652	3.1	-1.3484	1.3484	-1.3484	9.665	1.384
7/16/1997	197	16.1667	12.3	-3.7027	3.7027	-3.7027	10.167	4.865
7/17/1997	198	15.8042	13.2	-6.9645	6.9645	-6.9645	9.804	11.209
7/18/1997	199	15.7333	9.2	2.4836	2.4836	0.0000	9.733	3.010
7/19/1997	200	15.5043	9.1	3.9912	3.9912	0.0000	9.504	5.619
7/20/1997	201	15.8125	7.4	0.7324	0.7324	0.0000	9.813	0.627
7/21/1997	202	15.8042	0.5	4.3050	4.3050	0.0000	9.804	6.055
7/22/1997	203	15.7958	4.3	-0.7842	0.7842	-0.7842	9.796	0.685
7/23/1997	204	16.0478	3.4	-1.3437	1.3437	-1.3437	10.048	1.340
7/24/1997	205	15.7652	9.7	-3.3442	3.3442	-3.3442	9.765	4.395
7/25/1997	206	16.1208	9.2	-1.8682	1.8682	-1.8682	10.121	2.033
7/26/1997	207	15.7958	9.4	1.3414	1.3414	0.0000	9.796	1.362
7/27/1997	208	15.3000	7.7	1.9030	1.9030	0.0000	9.300	2.212
7/28/1997	209	16.0750	4.3	2.3525	2.3525	0.0000	10.075	2.740
7/29/1997	210	16.3167	10.0	3.1795	3.1795	0.0000	10.317	3.962
7/30/1997	211	16.4522	7.7	3.5156	3.5156	0.0000	10.452	4.464
7/31/1997	212	16.3792	3.1	3.7159	3.7159	0.0000	10.379	4.816
8/1/1997	213	16.4583	6.6	2.1906	2.1906	0.0000	10.458	2.435
8/2/1997	214	16.5917	1.3	3.9848	3.9848	0.0000	10.592	5.191
8/3/1997	215	16.0864	0.0	6.0131	6.0131	0.0000	10.086	9.101
8/4/1997	216	15.9682	5.2	3.5925	3.5925	0.0000	9.968	4.747
8/5/1997	217	16.3542	10.9	-0.5241	0.5241	-0.5241	10.354	0.393
8/6/1997	218	16.6958	8.1	-2.9818	2.9818	-2.9818	10.696	3.556
8/7/1997	219	16.6833	11.5	-3.3270	3.3270	-3.3270	10.683	4.095
8/8/1997	220	16.6208	14.0	-8.3839	8.3839	-8.3839	10.621	13.423
8/9/1997	221	15.8000	13.7	-9.6732	9.6732	-9.6732	9.800	17.073
8/10/1997	222	14.7625	13.3	-7.5708	7.5708	-7.5708	8.763	13.514
8/11/1997	223	14.4391	10.2	-7.0010	7.0010	-7.0010	8.439	12.559
8/12/1997	224	15.1174	11.7	-9.1478	9.1478	-9.1478	9.117	16.736
8/13/1997	225	14.1875	13.4	-8.2772	8.2772	-8.2772	8.188	15.901
8/14/1997	226	13.4917	12.5	-8.0132	8.0132	-8.0132	7.492	16.253
8/15/1997	227	12.8381	10.0	-10.0102	10.0102	-10.0102	6.838	23.064
8/16/1997	228	13.0253	13.0	-5.4816	5.4816	-5.4816	7.025	10.466

8/17/1997	229	13.0253	10.8	-5.4816	5.4816	-5.4816	7.025	10.466
8/18/1997	230	13.2125	10.3	-0.9530	0.9530	-0.9530	7.213	1.094
8/19/1997	231	14.0000	8.2	1.8417	1.8417	0.0000	8.000	2.362
8/20/1997	232	14.3375	4.5	-3.6157	3.6157	-3.6157	8.338	5.437
8/21/1997	233	14.4375	6.1	3.5586	3.5586	0.0000	8.438	5.283
8/22/1997	234	14.0125	3.3	3.7986	3.7986	0.0000	8.013	5.959
8/23/1997	235	15.4292	2.8	8.2403	8.2403	0.0000	9.429	14.294
8/24/1997	236	15.0348	0.3	12.5220	12.5220	0.0000	9.035	25.178
8/25/1997	237	14.8217	0.0	5.6166	5.6166	0.0000	8.822	9.177
8/26/1997	238	14.5500	0.2	1.7512	1.7512	0.0000	8.550	2.111
8/27/1997	239	14.9167	0.6	1.7228	1.7228	0.0000	8.917	2.006
8/28/1997	240	15.0792	4.0	3.1601	3.1601	0.0000	9.079	4.306
8/29/1997	241	15.6542	5.8	2.1910	2.1910	0.0000	9.654	2.579
8/30/1997	242	15.7522	11.0	-3.9510	3.9510	-3.9510	9.752	5.446
8/31/1997	243	15.4042	7.7	-4.3981	4.3981	-4.3981	9.404	6.411
9/1/1997	244	15.9000	5.9	0.5921	0.5921	0.0000	9.900	0.475
9/2/1997	245	16.1375	6.0	6.7688	6.7688	0.0000	10.138	10.552
9/3/1997	246	15.4273	9.1	9.8319	9.8319	0.0000	9.427	17.922
9/4/1997	247	15.2368	8.1	6.0561	6.0561	0.0000	9.237	9.780
9/5/1997	248	15.2250	3.1	7.5982	7.5982	0.0000	9.225	13.087
9/6/1997	249	15.4708	0.0	7.0069	7.0069	0.0000	9.471	11.578
9/7/1997	250	15.3625	10.5	8.8222	8.8222	0.0000	9.363	15.678
9/8/1997	251	15.1909	11.0	-0.6639	0.6639	-0.6639	9.191	0.579
9/9/1997	252	15.1750	3.0	-5.4772	5.4772	-5.4772	9.175	8.641
9/10/1997	253	14.9917	5.6	-6.9899	6.9899	-6.9899	8.992	11.978
9/11/1997	254	14.8792	4.9	-0.6137	0.6137	-0.6137	8.879	0.537
9/12/1997	255	15.1667	4.6	3.2651	3.2651	0.0000	9.167	4.460
9/13/1997	256	15.2958	6.4	3.3928	3.3928	0.0000	9.296	4.637
9/14/1997	257	15.2167	0.0	-4.5960	4.5960	-4.5960	9.217	6.881
9/15/1997	258	15.2458	5.8	1.5242	1.5242	0.0000	9.246	1.672
9/16/1997	259	15.2087	0.0	5.8386	5.8386	0.0000	9.209	9.353
9/17/1997	260	15.2458	5.6	-3.9180	3.9180	-3.9180	9.246	5.597
9/18/1997	261	15.1043	7.1	-5.1504	5.1504	-5.1504	9.104	8.031
9/19/1997	262	15.0208	7.7	3.1762	3.1762	0.0000	9.021	4.354
9/20/1997	263	14.8125	10.0	4.7505	4.7505	0.0000	8.813	7.412
9/21/1997	264	14.9500	5.2	1.3938	1.3938	0.0000	8.950	1.526
9/22/1997	265	14.9458	8.1	7.3292	7.3292	0.0000	8.946	12.774
9/23/1997	266	14.9000	10.8	9.6336	9.6336	0.0000	8.900	18.193
9/24/1997	267	15.1583	6.5	2.9850	2.9850	0.0000	9.158	3.978
9/25/1997	268	14.8522	1.1	6.3611	6.3611	0.0000	8.852	10.736
9/26/1997	269	14.6304	1.4	8.0354	8.0354	0.0000	8.630	14.744
9/27/1997	270	14.2958	1.7	2.6882	2.6882	0.0000	8.296	3.734
9/28/1997	271	14.2583	4.5	2.0405	2.0405	0.0000	8.258	2.632
9/29/1997	272	13.8083	0.0	-0.6051	0.6051	-0.6051	7.808	0.578
9/30/1997	273	13.6870	2.5	6.5919	6.5919	0.0000	7.687	12.429
10/1/1997	274	13.5958	1.5	1.3785	1.3785	0.0000	7.596	1.691
10/2/1997	275	13.3500	7.1	-1.6995	1.6995	-1.6995	7.350	2.264
10/3/1997	276	13.4000	0.0	3.3654	3.3654	0.0000	7.400	5.401
10/4/1997	277	13.2208	0.8	-5.5600	5.5600	-5.5600	7.221	10.452
10/5/1997	278	13.1375	3.9	-3.8290	3.8290	-3.8290	7.138	6.538
10/6/1997	279	13.1091	6.7	-3.1141	3.1141	-3.1141	7.109	5.033
10/7/1997	280	13.1083	0.9	3.9198	3.9198	0.0000	7.108	6.757

10/8/1997	281	12.8208	5.3	9.0288	9.0288	0.0000	6.821	20.247
10/9/1997	282	12.6870	0.0	-2.3537	2.3537	-2.3537	6.687	3.674
10/10/1997	283	12.5208	2.5	-6.9123	6.9123	-6.9123	6.521	14.853
10/11/1997	284	12.5478	6.7	-2.1450	2.1450	-2.1450	6.548	3.312
10/12/1997	285	12.6625	0.0	6.1519	6.1519	0.0000	6.663	12.600
10/13/1997	286	12.6409	0.0	8.0397	8.0397	0.0000	6.641	17.789
10/14/1997	287	12.7522	1.3	3.1005	3.1005	0.0000	6.752	5.192
10/15/1997	288	12.6667	0.0	8.0670	8.0670	0.0000	6.667	17.817
10/16/1997	289	12.8417	0.0	2.2757	2.2757	0.0000	6.842	3.462
10/17/1997	290	13.0261	6.5	-3.0543	3.0543	-3.0543	7.026	4.951
10/18/1997	291	13.0250	7.6	-2.7675	2.7675	-2.7675	7.025	4.364
10/19/1997	292	12.9292	6.8	-3.7681	3.7681	-3.7681	6.929	6.542
10/20/1997	293	12.9667	2.8	2.6724	2.6724	0.0000	6.967	4.198
10/21/1997	294	12.9783	0.4	5.4645	5.4645	0.0000	6.978	10.475
10/22/1997	295	12.7750	4.5	-2.2657	2.2657	-2.2657	6.775	3.467
10/23/1997	296	12.6625	8.1	-3.7362	3.7362	-3.7362	6.663	6.655
10/24/1997	297	12.5667	0.0	6.8366	6.8366	0.0000	6.567	14.572
10/25/1997	298	12.5857	0.0	11.1800	11.1800	0.0000	6.586	27.292
10/26/1997	299	12.4542	0.0	-0.8363	0.8363	-0.8363	6.454	1.002
10/27/1997	300	12.3708	3.9	-0.5769	0.5769	-0.5769	6.371	0.629
10/28/1997	301	12.2455	0.0	12.8777	12.8777	0.0000	6.245	33.969
10/29/1997	302	12.0500	0.0	10.6067	10.6067	0.0000	6.050	27.107
10/30/1997	303	11.9870	0.0	7.9156	7.9156	0.0000	5.987	18.778
10/31/1997	304	12.0391	1.7	2.1500	2.1500	0.0000	6.039	3.519
11/1/1997	305	12.1458	2.0	4.4647	4.4647	0.0000	6.146	8.855
11/2/1997	306	11.8522	0.0	7.5162	7.5162	0.0000	5.852	17.862
11/3/1997	307	12.0000	0.2	3.3136	3.3136	0.0000	6.000	6.150
11/4/1997	308	12.1000	0.0	8.7026	8.7026	0.0000	6.100	20.919
11/5/1997	309	11.9708	0.0	-2.6685	2.6685	-2.6685	5.971	4.678
11/6/1997	310	11.9458	0.0	-11.8134	11.8134	-11.8134	5.946	31.504
11/7/1997	311	11.4917	0.0	-4.1627	4.1627	-4.1627	5.492	8.774
11/8/1997	312	11.4217	6.0	5.7183	5.7183	0.0000	5.422	13.294
11/9/1997	313	11.8917	8.1	8.5131	8.5131	0.0000	5.892	20.849
11/10/1997	314	11.7542	8.0	8.0631	8.0631	0.0000	5.754	19.779
11/11/1997	315	11.3333	8.0	7.3065	7.3065	0.0000	5.333	18.407
11/12/1997	316	11.3250	8.2	2.9892	2.9892	0.0000	5.325	5.870
11/13/1997	317	11.3792	8.1	2.0275	2.0275	0.0000	5.379	3.546
11/14/1997	318	11.6625	5.5	4.7942	4.7942	0.0000	5.663	10.285
11/15/1997	319	11.7500	7.6	2.3228	2.3228	0.0000	5.750	4.024
11/16/1997	320	11.4667	1.6	1.7113	1.7113	0.0000	5.467	2.821
11/17/1997	321	11.7375	0.5	6.8996	6.8996	0.0000	5.738	16.236
11/18/1997	322	11.9043	1.3	6.5267	6.5267	0.0000	5.904	14.815
11/19/1997	323	11.8833	5.9	1.1974	1.1974	0.0000	5.883	1.695
11/20/1997	324	11.8042	0.1	2.3029	2.3029	0.0000	5.804	3.953
11/21/1997	325	11.9542	2.0	2.9235	2.9235	0.0000	5.954	5.268
11/22/1997	326	11.9417	0.0	8.6173	8.6173	0.0000	5.942	21.049
11/23/1997	327	11.9217	0.0	14.0817	14.0817	0.0000	5.922	39.561
11/24/1997	328	11.7476	1.0	2.1833	2.1833	0.0000	5.748	3.718
11/25/1997	329	11.6542	0.0	2.4586	2.4586	0.0000	5.654	4.379
11/26/1997	330	11.7417	0.0	7.1501	7.1501	0.0000	5.742	16.986
11/27/1997	331	11.7870	0.0	3.1046	3.1046	0.0000	5.787	5.806
11/28/1997	332	11.6542	4.3	2.2931	2.2931	0.0000	5.654	4.006

11/29/1997	333	11.6583	2.0	10.6830	10.6830	0.0000	5.658	28.696
11/30/1997	334	11.7208	1.8	0.4508	0.4508	0.0000	5.721	0.495
12/1/1997	335	11.6625	0.3	8.9520	8.9520	0.0000	5.663	22.873
12/2/1997	336	11.8458	1.9	10.8911	10.8911	0.0000	5.846	28.737
12/3/1997	337	11.7208	0.3	9.2541	9.2541	0.0000	5.721	23.692
12/4/1997	338	11.7348	1.1	1.0700	1.0700	0.0000	5.735	1.495
12/5/1997	339	11.7917	1.7	4.0871	4.0871	0.0000	5.792	8.251
12/6/1997	340	11.6000	2.8	7.2963	7.2963	0.0000	5.600	17.745
12/7/1997	341	11.6375	0.0	6.4524	6.4524	0.0000	5.638	15.090
12/8/1997	342	11.5304	0.5	-7.8612	7.8612	-7.8612	5.530	19.698
12/9/1997	343	11.5435	0.0	9.6836	9.6836	0.0000	5.543	25.679
12/10/1997	344	11.5684	0.0	14.8697	14.8697	0.0000	5.568	44.321
12/11/1997	345	11.4208	0.0	3.4223	3.4223	0.0000	5.421	6.892
12/12/1997	346	11.5958	0.0	15.5598	15.5598	0.0000	5.596	46.807
12/13/1997	347	11.4958	0.0	18.2842	18.2842	0.0000	5.496	58.290
12/14/1997	348	11.6125	0.3	1.6029	1.6029	0.0000	5.613	2.546
12/15/1997	349	11.5091	0.0	7.7153	7.7153	0.0000	5.509	19.284
12/16/1997	350	11.3217	0.9	7.6418	7.6418	0.0000	5.322	19.526
12/17/1997	351	11.1625	2.3	-4.0095	4.0095	-4.0095	5.163	8.740
12/18/1997	352	10.9417	0.0	3.5576	3.5576	0.0000	4.942	7.737
12/19/1997	353	10.9304	0.0	9.8794	9.8794	0.0000	4.930	28.645
12/20/1997	354	10.7375	0.5	-6.9189	6.9189	-6.9189	4.738	18.682
12/21/1997	355	10.6833	2.5	-1.0209	1.0209	-1.0209	4.683	1.627
12/22/1997	356	10.8957	0.0	9.1093	9.1093	0.0000	4.896	25.950
12/23/1997	357	10.7667	1.3	-2.0608	2.0608	-2.0608	4.767	3.947
12/24/1997	358	10.7522	0.0	1.4307	1.4307	0.0000	4.752	2.479
12/25/1997	359	10.6292	0.0	5.3841	5.3841	0.0000	4.629	13.778
12/26/1997	360	10.6391	0.0	5.2810	5.2810	0.0000	4.639	13.420
12/27/1997	361	10.6458	0.0	2.1810	2.1810	0.0000	4.646	4.322
12/28/1997	362	10.7417	0.0	5.5490	5.5490	0.0000	4.742	14.076
12/29/1997	363	10.6913	0.0	-0.4913	0.4913	-0.4913	4.691	0.637
12/30/1997	364	10.7375	0.1	6.7551	6.7551	0.0000	4.738	18.118
12/31/1997	365	10.2188	0.0	5.1358	5.1358	0.0000	4.219	13.859
1/1/1998	1	10.2188	5.5	5.1358	5.1358	0.0000	4.219	13.859
1/2/1998	2	9.7000	1.8	3.5166	3.5166	0.0000	3.700	9.372
1/3/1998	3	9.4500	6.0	0.9201	0.9201	0.0000	3.450	1.771
1/4/1998	4	9.7708	0.0	6.9018	6.9018	0.0000	3.771	21.919
1/5/1998	5	10.1913	0.0	1.6952	1.6952	0.0000	4.191	3.369
1/6/1998	6	9.6500	4.1	-1.5391	1.5391	-1.5391	3.650	3.287
1/7/1998	7	9.3708	3.4	-3.1373	3.1373	-3.1373	3.371	8.656
1/8/1998	8	9.3083	6.7	-3.7260	3.7260	-3.7260	3.308	10.932
1/9/1998	9	8.6583	5.6	-1.5553	1.5553	-1.5553	2.658	4.177
1/10/1998	10	7.5667	7.2	2.1560	2.1560	0.0000	1.567	9.255
1/11/1998	11	8.4500	7.3	3.1612	3.1612	0.0000	2.450	10.976
1/12/1998	12	8.6875	0.0	5.5455	5.5455	0.0000	2.688	21.096
1/13/1998	13	9.0476	0.0	5.7809	5.7809	0.0000	3.048	20.339
1/14/1998	14	9.5739	0.4	4.7024	4.7024	0.0000	3.574	13.936
1/15/1998	15	9.6625	1.2	2.09	2.0931	0.0000	3.663	4.859
1/16/1998	16	9.7870	0.0	13.56	13.5554	0.0000	3.787	51.847
1/17/1998	17	9.7042	1.9	4.45	4.4462	0.0000	3.704	12.645
1/18/1998	18	9.5833	0.0	15.95	15.9491	0.0000	3.583	66.414
1/19/1998	19	10.0708	4.7	8.97	8.9670	0.0000	4.071	29.013

1/20/1998	20	10.0833	0.2	10.38	10.3837	0.0000	4.083	34.929
1/21/1998	21	9.9708	0.2	12.30	12.2957	0.0000	3.971	44.239
1/22/1998	22	10.0250	0.0	9.18	9.1752	0.0000	4.025	30.121
1/23/1998	23	10.3958	0.0	17.32	17.3237	0.0000	4.396	63.804
1/24/1998	24	10.4667	0.1	13.52	13.5184	0.0000	4.467	45.921
1/25/1998	25	9.8652	0.0	12.48	12.4760	0.0000	3.865	45.947
1/26/1998	26	9.9476	0.2	14.31	14.3123	0.0000	3.948	53.956
1/27/1998	27	10.4417	3.0	8.77	8.7700	0.0000	4.442	26.498
1/28/1998	28	10.4125	0.0	18.01	18.0074	0.0000	4.413	66.864
1/29/1998	29	10.4083	3.6	14.77	14.7666	0.0000	4.408	51.902
1/30/1998	30	10.4375	0.0	8.68	8.6778	0.0000	4.438	26.159
1/31/1998	31	10.4000	3.3	14.55	14.5531	0.0000	4.400	51.012
2/1/1998	32	10.4000	2.1	12.3291	12.3291	0.0000	4.400	41.256
2/2/1998	33	10.4000	1.1	10.11	10.1051	0.0000	4.400	31.982
2/3/1998	34	10.3000	1.5	0.68	0.6776	0.0000	4.300	1.023
2/4/1998	35	10.2375	2.5	0.81	0.8065	0.0000	4.238	1.292
2/5/1998	36	10.0500	0.3	7.97	7.9692	0.0000	4.050	25.038
2/6/1998	37	10.1083	0.0	6.27	6.2703	0.0000	4.108	18.234
2/7/1998	38	10.1208	1.7	9.78	9.7776	0.0000	4.121	32.130
2/8/1998	39	10.3087	1.5	4.47	4.4668	0.0000	4.309	11.418
2/9/1998	40	10.3917	0.8	6.27	6.2730	0.0000	4.392	17.396
2/10/1998	41	10.3667	0.5	18.20	18.1955	0.0000	4.367	68.266
2/11/1998	42	10.4458	2.7	9.79	9.7890	0.0000	4.446	30.481
2/12/1998	43	10.7087	0.0	17.81	17.8055	0.0000	4.709	62.918
2/13/1998	44	10.5792	0.6	7.83	7.8337	0.0000	4.579	22.439
2/14/1998	45	10.4583	0.3	15.28	15.2821	0.0000	4.458	53.798
2/15/1998	46	10.4458	3.8	9.59	9.5910	0.0000	4.446	29.694
2/16/1998	47	10.3375	2.9	13.49	13.4880	0.0000	4.338	46.759
2/17/1998	48	10.1833	0.1	12.47	12.4715	0.0000	4.183	43.404
2/18/1998	49	10.2667	2.7	14.39	14.3902	0.0000	4.267	51.400
2/19/1998	50	10.3609	5.4	11.81	11.8070	0.0000	4.361	39.283
2/20/1998	51	10.2708	0.0	10.81	10.8117	0.0000	4.271	35.622
2/21/1998	52	10.2792	0.1	7.9404	7.9404	0.0000	4.279	23.962
2/22/1998	53	10.2261	2.9	6.5048	6.5048	0.0000	4.226	18.730
2/23/1998	54	10.0208	5.5	5.7870	5.7870	0.0000	4.021	16.710
2/24/1998	55	10.1130	0.8	5.4281	5.4281	0.0000	4.113	15.148
2/25/1998	56	9.9792	7.0	5.2487	5.2487	0.0000	3.979	14.857
2/26/1998	57	9.9167	6.0	5.1589	5.1589	0.0000	3.917	14.698
2/27/1998	58	9.9167	3.2	5.0692	5.0692	0.0000	3.917	14.371
2/28/1998	59	10.0348	4.0	11.1259	11.1259	0.0000	4.035	38.483
3/1/1998	60	10.1083	3.8	6.0031	6.0031	0.0000	4.108	17.246
3/2/1998	61	9.6792	3.7	2.0656	2.0656	0.0000	3.679	4.762
3/3/1998	62	9.9458	5.9	-6.3708	6.3708	-6.3708	3.946	19.153
3/4/1998	63	9.5043	7.4	-4.5724	4.5724	-4.5724	3.504	13.635
3/5/1998	64	9.3208	6.9	-0.0088	0.0088	-0.0088	3.321	0.005
3/6/1998	65	9.5000	6.9	0.2052	0.2052	0.0000	3.500	0.257
3/7/1998	66	9.8750	0.6	5.8987	5.8987	0.0000	3.875	17.582
3/8/1998	67	9.7542	0.4	8.5237	8.5237	0.0000	3.754	28.808
3/9/1998	68	9.7083	1.7	8.7659	8.7659	0.0000	3.708	30.124
3/10/1998	69	10.0042	0.0	11.7154	11.7154	0.0000	4.004	41.336
3/11/1998	70	10.1042	0.0	6.2704	6.2704	0.0000	4.104	18.248
3/12/1998	71	10.0478	0.0	4.4034	4.4034	0.0000	4.048	11.722

3/13/1998	72	10.0542	6.9	1.2574	1.2574	0.0000	4.054	2.354
3/14/1998	73	10.1042	0.5	5.4737	5.4737	0.0000	4.104	15.335
3/15/1998	74	9.9542	0.0	-0.2859	0.2859	-0.2859	3.954	0.360
3/16/1998	75	10.0625	8.6	-2.3455	2.3455	-2.3455	4.063	5.221
3/17/1998	76	10.2458	4.1	0.4402	0.4402	0.0000	4.246	0.594
3/18/1998	77	10.2667	10.0	6.7852	6.7852	0.0000	4.267	19.635
3/19/1998	78	10.3917	0.5	4.6740	4.6740	0.0000	4.392	11.937
3/20/1998	79	10.3792	0.1	4.5000	4.5000	0.0000	4.379	11.394
3/21/1998	80	10.2583	0.7	1.6322	1.6322	0.0000	4.258	3.174
3/22/1998	81	9.9125	2.1	4.6290	4.6290	0.0000	3.913	12.804
3/23/1998	82	9.9304	0.0	0.9054	0.9054	0.0000	3.930	1.581
3/24/1998	83	10.0389	0.4	-7.9079	7.9079	-7.9079	4.039	24.841
3/25/1998	84	9.8792	0.3	-1.0550	1.0550	-1.0550	3.879	1.941
3/26/1998	85	9.7250	1.3	-4.1197	4.1197	-4.1197	3.725	11.423
3/27/1998	86	9.7125	3.1	-2.3888	2.3888	-2.3888	3.713	5.700
3/28/1998	87	9.8167	9.6	-2.7646	2.7646	-2.7646	3.817	6.737
3/29/1998	88	9.8417	0.0	3.2544	3.2544	0.0000	3.842	8.263
3/30/1998	89	9.7583	3.6	0.7190	0.7190	0.0000	3.758	1.215
3/31/1998	90	9.8500	9.8	3.2576	3.2576	0.0000	3.850	8.261
4/1/1998	91	10.0304	6.8	-2.2114	2.2114	-2.2114	4.030	4.869
4/2/1998	92	9.8583	9.4	-1.2149	1.2149	-1.2149	3.858	2.334
4/3/1998	93	9.7083	10.1	-6.4584	6.4584	-6.4584	3.708	20.374
4/4/1998	94	9.8042	4.2	-5.4595	5.4595	-5.4595	3.804	16.135
4/5/1998	95	9.7364	9.0	4.7772	4.7772	0.0000	3.736	13.776
4/6/1998	96	9.6957	0.0	7.0892	7.0892	0.0000	3.696	23.012
4/7/1998	97	9.6364	7.0	-0.3231	0.3231	-0.3231	3.636	0.447
4/8/1998	98	9.6591	10.0	-1.2210	1.2210	-1.2210	3.659	2.439
4/9/1998	99	9.4565	12.1	-7.2071	7.2071	-7.2071	3.457	24.652
4/10/1998	100	9.4783	11.5	-8.0788	8.0788	-8.0788	3.478	28.405
4/11/1998	101	9.5667	5.1	-6.6337	6.6337	-6.6337	3.567	21.679
4/12/1998	102	9.9875	9.8	-4.2689	4.2689	-4.2689	3.988	11.388
4/13/1998	103	9.9889	9.2	-3.1273	3.1273	-3.1273	3.989	7.644
4/14/1998	104	10.0000	12.1	-6.5634	6.5634	-6.5634	4.000	19.705
4/15/1998	105	10.5261	7.5	-4.9875	4.9875	-4.9875	4.526	12.695
4/16/1998	106	10.7891	0.3	-4.1996	4.1996	-4.1996	4.789	9.784
4/17/1998	107	10.9207	0.0	-3.8056	3.8056	-3.8056	4.921	8.460
4/18/1998	108	10.9864	3.4	-3.6086	3.6086	-3.6086	4.986	7.829
4/19/1998	109	11.0193	6.4	-3.5102	3.5102	-3.5102	5.019	7.521
4/20/1998	110	11.0357	1.8	-3.4609	3.4609	-3.4609	5.036	7.369
4/21/1998	111	11.0440	11.1	-3.4363	3.4363	-3.4363	5.044	7.293
4/22/1998	112	11.0481	8.9	-3.4240	3.4240	-3.4240	5.048	7.256
4/23/1998	113	11.0501	0.6	-3.4178	3.4178	-3.4178	5.050	7.237
4/24/1998	114	11.0511	2.6	-3.4147	3.4147	-3.4147	5.051	7.228
4/25/1998	115	11.0517	0.0	-3.4132	3.4132	-3.4132	5.052	7.223
4/26/1998	116	11.0519	0.0	-3.4124	3.4124	-3.4124	5.052	7.221
4/27/1998	117	11.0520	5.1	-3.4121	3.4121	-3.4121	5.052	7.219
4/28/1998	118	11.0521	9.4	-3.4119	3.4119	-3.4119	5.052	7.219
4/29/1998	119	11.0521	10.9	-3.4118	3.4118	-3.4118	5.052	7.219
4/30/1998	120	11.0522	12.3	-3.4117	3.4117	-3.4117	5.052	7.218
5/1/1998	121	11.0522	12.5	-3.4117	3.4117	-3.4117	5.052	7.218
5/2/1998	122	11.0522	11.4	-3.4117	3.4117	-3.4117	5.052	7.218
5/3/1998	123	11.0522	10.2	-3.4117	3.4117	-3.4117	5.052	7.218

5/4/1998	124	11.0522	7.0	-3.4117	3.4117	-3.4117	5.052	7.218
5/5/1998	125	11.0522	6.7	-3.4117	3.4117	-3.4117	5.052	7.218
5/6/1998	126	11.0522	5.2	-3.4117	3.4117	-3.4117	5.052	7.218
5/7/1998	127	11.0522	10.6	-3.4117	3.4117	-3.4117	5.052	7.218
5/8/1998	128	11.0522	10.5	-3.4117	3.4117	-3.4117	5.052	7.218
5/9/1998	129	11.0522	10.8	-3.4117	3.4117	-3.4117	5.052	7.218
5/10/1998	130	11.0522	0.0	-3.4117	3.4117	-3.4117	5.052	7.218
5/11/1998	131	11.0522	0.0	-3.4117	3.4117	-3.4117	5.052	7.218
5/12/1998	132	11.0522	6.0	-3.4117	3.4117	-3.4117	5.052	7.218
5/13/1998	133	11.0522	0.4	-3.4117	3.4117	-3.4117	5.052	7.218
5/14/1998	134	11.0522	4.4	-3.4117	3.4117	-3.4117	5.052	7.218
5/15/1998	135	11.0522	9.9	-3.4117	3.4117	-3.4117	5.052	7.218
5/16/1998	136	11.0522	2.6	-3.4117	3.4117	-3.4117	5.052	7.218
5/17/1998	137	11.0522	8.3	-3.4117	3.4117	-3.4117	5.052	7.218
5/18/1998	138	11.0522	3.0	-3.4117	3.4117	-3.4117	5.052	7.218
5/19/1998	139	11.0522	12.9	-3.4117	3.4117	-3.4117	5.052	7.218
5/20/1998	140	11.0522	8.7	-3.4117	3.4117	-3.4117	5.052	7.218
5/21/1998	141	11.0522	1.9	-3.4117	3.4117	-3.4117	5.052	7.218
5/22/1998	142	11.0522	0.0	-3.4117	3.4117	-3.4117	5.052	7.218
5/23/1998	143	11.0522	0.0	-3.4117	3.4117	-3.4117	5.052	7.218
5/24/1998	144	11.0522	2.6	-3.4117	3.4117	-3.4117	5.052	7.218
5/25/1998	145	11.0522	1.2	-3.4117	3.4117	-3.4117	5.052	7.218
5/26/1998	146	11.0522	3.4	-3.4117	3.4117	-3.4117	5.052	7.218
5/27/1998	147	11.3955	3.1	-2.1391	2.1391	-2.1391	5.395	3.789
5/28/1998	148	11.3435	10.3	4.9198	4.9198	0.0000	5.343	11.080
5/29/1998	149	11.9500	11.6	-3.0335	3.0335	-3.0335	5.950	5.526
5/30/1998	150	11.8667	9.1	-3.6934	3.6934	-3.6934	5.867	7.181
5/31/1998	151	11.9125	6.7	-2.0180	2.0180	-2.0180	5.913	3.294
6/1/1998	152	11.5792	6.3	-12.2728	12.2728	-12.2728	5.579	34.619
6/2/1998	153	11.3783	14.5	-9.1237	9.1237	-9.1237	5.378	24.314
6/3/1998	154	11.9042	10.0	-6.5566	6.5566	-6.5566	5.904	14.903
6/4/1998	155	12.3625	10.0	-3.8641	3.8641	-3.8641	6.363	7.180
6/5/1998	156	12.5333	7.0	-0.1476	0.1476	-0.1476	6.533	0.108
6/6/1998	157	12.3292	6.8	-7.0472	7.0472	-7.0472	6.329	15.553
6/7/1998	158	12.1250	10.2	-9.5843	9.5843	-9.5843	6.125	23.601
6/8/1998	159	12.5167	8.6	-5.8044	5.8044	-5.8044	6.517	11.883
6/9/1998	160	12.9708	0.0	-0.3344	0.3344	-0.3344	6.971	0.293
6/10/1998	161	11.8565	1.9	-11.6012	11.6012	-11.6012	5.857	31.116
6/11/1998	162	11.3667	14.4	-11.0303	11.0303	-11.0303	5.367	31.047
6/12/1998	163	11.2042	14.5	-7.3073	7.3073	-7.3073	5.204	18.735
6/13/1998	164	11.3833	8.4	-7.1262	7.1262	-7.1262	5.383	17.709
6/14/1998	165	11.7792	0.0	3.5062	3.5062	0.0000	5.779	6.791
6/15/1998	166	11.7042	9.4	-5.7435	5.7435	-5.7435	5.704	12.893
6/16/1998	167	11.7636	5.2	-8.0100	8.0100	-8.0100	5.764	19.590
6/17/1998	168	12.0167	0.0	3.0824	3.0824	0.0000	6.017	5.596
6/18/1998	169	12.3583	9.1	-1.9253	1.9253	-1.9253	6.358	2.945
6/19/1998	170	12.5739	7.7	-7.9602	7.9602	-7.9602	6.574	17.692
6/20/1998	171	12.3625	7.2	-9.8891	9.8891	-9.8891	6.363	23.907
6/21/1998	172	12.2870	2.7	-9.2075	9.2075	-9.2075	6.287	22.006
6/22/1998	173	12.8083	1.9	-3.5520	3.5520	-3.5520	6.808	6.142
6/23/1998	174	13.2091	0.1	0.3297	0.3297	0.0000	7.209	0.281
6/24/1998	175	13.3958	0.0	-0.1300	0.1300	-0.1300	7.396	0.084

6/25/1998	176	13.2583	10.0	-2.4115	2.4115	-2.4115	7.258	3.574
6/26/1998	177	13.3750	0.4	-2.1395	2.1395	-2.1395	7.375	3.032
6/27/1998	178	13.7875	7.1	0.7036	0.7036	0.0000	7.788	0.702
6/28/1998	179	13.7217	11.3	-6.5321	6.5321	-6.5321	7.722	12.245
6/29/1998	180	13.2667	8.8	-8.1418	8.1418	-8.1418	7.267	16.953
6/30/1998	181	13.6417	9.7	-6.3110	6.3110	-6.3110	7.642	11.805
7/1/1998	182	13.7208	5.9	-8.5482	8.5482	-8.5482	7.721	17.279
7/2/1998	183	13.3958	6.0	-9.4705	9.4705	-9.4705	7.396	20.315
7/3/1998	184	12.8708	5.1	-9.1998	9.1998	-9.1998	6.871	20.631
7/4/1998	185	12.7522	8.0	-6.1429	6.1429	-6.1429	6.752	12.457
7/5/1998	186	14.2292	0.5	6.9906	6.9906	0.0000	8.229	12.763
7/6/1998	187	13.8125	0.6	-1.9170	1.9170	-1.9170	7.813	2.528
7/7/1998	188	14.4542	14.3	-2.3747	2.3747	-2.3747	8.454	3.143
7/8/1998	189	16.0000	8.6	-1.6054	1.6054	-1.6054	10.000	1.689
7/9/1998	190	15.3571	5.1	1.6082	1.6082	0.0000	9.357	1.775
7/10/1998	191	15.2708	3.2	2.5464	2.5464	0.0000	9.271	3.218
7/11/1998	192	14.8208	0.0	3.2257	3.2257	0.0000	8.821	4.513
7/12/1998	193	14.2708	2.1	7.5967	7.5967	0.0000	8.271	14.144
7/13/1998	194	13.9208	5.5	2.3317	2.3317	0.0000	7.921	3.217
7/14/1998	195	13.8333	1.1	0.0926	0.0926	0.0000	7.833	0.052
7/15/1998	196	13.5958	5.4	8.0173	8.0173	0.0000	7.596	16.104
7/16/1998	197	13.9583	0.7	1.9349	1.9349	0.0000	7.958	2.525
7/17/1998	198	13.5174	8.9	3.6552	3.6552	0.0000	7.517	5.936
7/18/1998	199	14.4212	7.4	1.1727	1.1727	0.0000	8.421	1.277
7/19/1998	200	14.8731	10.1	-0.0686	0.0686	-0.0686	8.873	0.032
7/20/1998	201	15.0990	11.5	-0.6892	0.6892	-0.6892	9.099	0.612
7/21/1998	202	15.2120	11.6	-0.9995	0.9995	-0.9995	9.212	0.977
7/22/1998	203	15.3250	8.8	-1.3098	1.3098	-1.3098	9.325	1.368
7/23/1998	204	15.2900	6.2	1.5065	1.5065	0.0000	9.290	1.641
7/24/1998	205	14.9609	9.1	3.3589	3.3589	0.0000	8.961	4.700
7/25/1998	206	14.8750	9.3	-6.3941	6.3941	-6.3941	8.875	10.788
7/26/1998	207	14.0875	10.0	-13.2506	13.2506	-13.2506	8.088	29.295
7/27/1998	208	13.8913	14.1	-11.8692	11.8692	-11.8692	7.891	25.895
7/28/1998	209	13.8667	13.1	-11.6442	11.6442	-11.6442	7.867	25.325
7/29/1998	210	13.4917	12.5	-12.0741	12.0741	-12.0741	7.492	27.469
7/30/1998	211	12.7542	10.7	-10.8208	10.8208	-10.8208	6.754	25.707
7/31/1998	212	12.9458	11.8	-5.7575	5.7575	-5.7575	6.946	11.236
8/1/1998	213	14.3875	13.5	-5.3735	5.3735	-5.3735	8.388	8.990
8/2/1998	214	14.4750	11.3	-7.2584	7.2584	-7.2584	8.475	13.113
8/3/1998	215	14.8083	11.2	-1.0012	1.0012	-1.0012	8.808	1.010
8/4/1998	216	15.0417	2.8	4.2211	4.2211	0.0000	9.042	6.256
8/5/1998	217	14.9913	3.8	1.7167	1.7167	0.0000	8.991	1.986
8/6/1998	218	15.3208	11.0	-0.5273	0.5273	-0.5273	9.321	0.427
8/7/1998	219	14.8609	2.2	5.2471	5.2471	0.0000	8.861	8.385
8/8/1998	220	14.8292	0.0	10.4233	10.4233	0.0000	8.829	20.238
8/9/1998	221	14.3458	0.0	7.2974	7.2974	0.0000	8.346	13.349
8/10/1998	222	14.5125	5.0	1.3729	1.3729	0.0000	8.513	1.551
8/11/1998	223	14.7083	1.0	7.3979	7.3979	0.0000	8.708	13.179
8/12/1998	224	14.6000	11.8	3.9874	3.9874	0.0000	8.600	6.028
8/13/1998	225	15.1250	10.8	1.2980	1.2980	0.0000	9.125	1.374
8/14/1998	226	15.2500	0.2	0.6141	0.6141	0.0000	9.250	0.522
8/15/1998	227	15.2042	0.4	2.2243	2.2243	0.0000	9.204	2.720

8/16/1998	228	15.2375	5.0	-4.1029	4.1029	-4.1029	9.238	5.941
8/17/1998	229	15.1250	3.0	-4.9689	4.9689	-4.9689	9.125	7.658
8/18/1998	230	15.1458	3.8	-0.3361	0.3361	-0.3361	9.146	0.243
8/19/1998	231	15.5167	12.9	0.9884	0.9884	0.0000	9.517	0.941
8/20/1998	232	15.3958	4.4	-7.8223	7.8223	-7.8223	9.396	13.406
8/21/1998	233	15.0579	12.5	-8.6651	8.6651	-8.6651	9.058	15.687
8/22/1998	234	15.0087	9.6	-7.9570	7.9570	-7.9570	9.009	14.121
8/23/1998	235	15.1217	0.8	-7.8581	7.8581	-7.8581	9.122	13.773
8/24/1998	236	15.2478	4.7	1.6939	1.6939	0.0000	9.248	1.913
8/25/1998	237	15.1636	0.6	1.1600	1.1600	0.0000	9.164	1.186
8/26/1998	238	15.0542	0.9	-0.1659	0.1659	-0.1659	9.054	0.099
8/27/1998	239	15.1864	0.6	3.1365	3.1365	0.0000	9.186	4.230
8/28/1998	240	15.1154	13.7	6.4811	6.4811	0.0000	9.115	10.768
8/29/1998	241	15.0571	8.3	5.4075	5.4075	0.0000	9.057	8.579
8/30/1998	242	15.0800	10.6	-2.5153	2.5153	-2.5153	9.080	3.215
8/31/1998	243	15.0789	10.4	3.0816	3.0816	0.0000	9.079	4.170
9/1/1998	244	15.0313	3.5	-0.6037	0.6037	-0.6037	9.031	0.520
9/2/1998	245	14.7905	6.8	3.7911	3.7911	0.0000	8.790	5.563
9/3/1998	246	15.0368	10.2	0.6009	0.6009	0.0000	9.037	0.516
9/4/1998	247	14.9429	8.2	-2.8457	2.8457	-2.8457	8.943	3.806
9/5/1998	248	14.8870	3.4	-1.4492	1.4492	-1.4492	8.887	1.612
9/6/1998	249	14.7333	0.0	11.4828	11.4828	0.0000	8.733	23.087
9/7/1998	250	14.5250	1.6	5.8982	5.8982	0.0000	8.525	10.012
9/8/1998	251	14.5000	8.4	2.1983	2.1983	0.0000	8.500	2.837
9/9/1998	252	14.3500	0.4	6.3949	6.3949	0.0000	8.350	11.269
9/10/1998	253	14.0100	0.0	3.5736	3.5736	0.0000	8.010	5.512
9/11/1998	254	14.0588	3.8	1.5055	1.5055	0.0000	8.059	1.815
9/12/1998	255	14.1000	0.2	3.2689	3.2689	0.0000	8.100	4.879
9/13/1998	256	14.1889	10.6	-5.1993	5.1993	-5.1993	8.189	8.768
9/14/1998	257	13.9000	5.3	-7.4885	7.4885	-7.4885	7.900	14.350
9/15/1998	258	13.5714	6.3	-7.2187	7.2187	-7.2187	7.571	14.113
9/16/1998	259	13.6955	9.4	-4.5859	4.5859	-4.5859	7.695	7.805
9/17/1998	260	14.2368	1.7	-1.9849	1.9849	-1.9849	8.237	2.546
9/18/1998	261	14.4100	6.4	-2.2722	2.2722	-2.2722	8.410	2.982
9/19/1998	262	14.4444	4.5	-1.3307	1.3307	-1.3307	8.444	1.499
9/20/1998	263	14.3651	0.0	-5.4545	5.4545	-5.4545	8.365	9.182
9/21/1998	264	14.2857	5.1	-9.5783	9.5783	-9.5783	8.286	19.006
9/22/1998	265	13.9905	4.1	-12.4615	12.4615	-12.4615	7.990	27.316
9/23/1998	266	13.6889	1.2	-10.7300	10.7300	-10.7300	7.689	23.184
9/24/1998	267	13.7227	0.1	-1.1561	1.1561	-1.1561	7.723	1.334
9/25/1998	268	13.4250	10.9	-10.4256	10.4256	-10.4256	7.425	22.909
9/26/1998	269	13.0250	6.0	-8.6226	8.6226	-8.6226	7.025	18.691
9/27/1998	270	12.8625	8.0	-2.9194	2.9194	-2.9194	6.863	4.752
9/28/1998	271	12.9708	9.3	-5.9278	5.9278	-5.9278	6.971	11.634
9/29/1998	272	13.2333	3.2	3.1165	3.1165	0.0000	7.233	4.976
9/30/1998	273	13.0375	2.4	7.0624	7.0624	0.0000	7.038	14.458
10/1/1998	274	13.1625	0.9	0.3902	0.3902	0.0000	7.163	0.351
10/2/1998	275	12.8792	4.2	0.8501	0.8501	0.0000	6.879	0.978
10/3/1998	276	12.5250	7.7	-1.5979	1.5979	-1.5979	6.525	2.278
10/4/1998	277	13.0375	0.0	5.3970	5.3970	0.0000	7.038	10.248
10/5/1998	278	13.1917	0.0	7.8934	7.8934	0.0000	7.192	16.415
10/6/1998	279	12.8583	0.6	3.9253	3.9253	0.0000	6.858	6.944

10/7/1998	280	12.7458	0.0	4.5119	4.5119	0.0000	6.746	8.398
10/8/1998	281	12.5652	2.3	1.0908	1.0908	0.0000	6.565	1.391
10/9/1998	282	12.4833	2.1	3.4959	3.4959	0.0000	6.483	6.232
10/10/1998	283	12.0958	2.1	5.5013	5.5013	0.0000	6.096	11.636
10/11/1998	284	11.8083	0.0	5.1814	5.1814	0.0000	5.808	11.155
10/12/1998	285	11.6261	0.1	7.7880	7.7880	0.0000	5.626	19.226
10/13/1998	286	11.5708	2.3	4.9865	4.9865	0.0000	5.571	10.942
10/14/1998	287	11.5708	0.9	-0.8843	0.8843	-0.8843	5.571	1.196
10/15/1998	288	11.1375	3.8	-0.5849	0.5849	-0.5849	5.138	0.746
10/16/1998	289	11.2750	0.0	11.5779	11.5779	0.0000	5.275	33.442
10/17/1998	290	11.3250	7.6	-4.6453	4.6453	-4.6453	5.325	10.320
10/18/1998	291	11.1750	0.0	2.6854	2.6854	0.0000	5.175	5.223
10/19/1998	292	11.2125	4.4	4.6162	4.6162	0.0000	5.213	10.395
10/20/1998	293	11.2167	6.7	4.3212	4.3212	0.0000	5.217	9.547
10/21/1998	294	10.9500	9.1	1.5850	1.5850	0.0000	4.950	2.745
10/22/1998	295	10.9042	9.0	5.3102	5.3102	0.0000	4.904	12.990
10/23/1998	296	10.8375	7.8	8.3434	8.3434	0.0000	4.838	23.389
10/24/1998	297	10.7600	0.1	8.4960	8.4960	0.0000	4.760	24.216
10/25/1998	298	10.8613	0.0	5.8829	5.8829	0.0000	4.861	14.902
10/26/1998	299	10.9625	0.2	3.2697	3.2697	0.0000	4.963	6.924
10/27/1998	300	10.9042	0.3	8.2095	8.2095	0.0000	4.904	22.687
10/28/1998	301	10.6542	2.6	-0.5469	0.5469	-0.5469	4.654	0.735
10/29/1998	302	10.6750	0.0	5.2572	5.2572	0.0000	4.675	13.270
10/30/1998	303	10.6875	0.0	11.8624	11.8624	0.0000	4.688	37.532
10/31/1998	304	10.6045	2.3	16.5926	16.5926	0.0000	4.605	58.411
11/1/1998	305	10.6583	1.1	7.3389	7.3389	0.0000	4.658	20.389
11/2/1998	306	11.1087	6.7	2.7166	2.7166	0.0000	5.109	5.350
11/3/1998	307	11.2545	1.3	5.6023	5.6023	0.0000	5.255	13.242
11/4/1998	308	10.8750	0.4	6.5430	6.5430	0.0000	4.875	17.041
11/5/1998	309	11.1667	5.3	4.3937	4.3937	0.0000	5.167	9.820
11/6/1998	310	11.1125	4.4	-0.7516	0.7516	-0.7516	5.113	1.032
11/7/1998	311	11.1292	3.7	-1.0114	1.0114	-1.0114	5.129	1.506
11/8/1998	312	11.0667	5.1	-6.1685	6.1685	-6.1685	5.067	15.374
11/9/1998	313	10.1750	7.8	1.8542	1.8542	0.0000	4.175	3.790
11/10/1998	314	10.8583	7.6	4.3498	4.3498	0.0000	4.858	10.130
11/11/1998	315	10.9417	2.7	4.4865	4.4865	0.0000	4.942	10.412
11/12/1998	316	11.0250	0.0	4.6233	4.6233	0.0000	5.025	10.692
11/13/1998	317	10.7667	6.1	-6.4094	6.4094	-6.4094	4.767	16.866
11/14/1998	318	10.7125	0.0	-1.5133	1.5133	-1.5133	4.713	2.680
11/15/1998	319	10.8000	0.0	0.9611	0.9611	0.0000	4.800	1.479
11/16/1998	320	10.4750	0.0	10.1485	10.1485	0.0000	4.475	31.772
11/17/1998	321	10.4333	2.2	-1.1522	1.1522	-1.1522	4.433	1.975
11/18/1998	322	10.5708	3.7	3.8101	3.8101	0.0000	4.571	8.931
11/19/1998	323	11.1000	0.3	13.7159	13.7159	0.0000	5.100	42.556
11/20/1998	324	10.6565	0.3	10.5584	10.5584	0.0000	4.657	32.489
11/21/1998	325	10.5667	0.4	4.1839	4.1839	0.0000	4.567	10.074
11/22/1998	326	10.5708	0.4	0.3465	0.3465	0.0000	4.571	0.415
11/23/1998	327	10.5042	0.0	2.3974	2.3974	0.0000	4.504	4.988
11/24/1998	328	10.4167	0.5	-0.0169	0.0169	-0.0169	4.417	0.009
11/25/1998	329	10.4478	0.1	13.1725	13.1725	0.0000	4.448	44.557
11/26/1998	330	10.5292	0.0	8.6600	8.6600	0.0000	4.529	25.712
11/27/1998	331	10.2625	4.8	-5.1744	5.1744	-5.1744	4.263	13.889

11/28/1998	332	10.1261	2.4	6.8987	6.8987	0.0000	4.126	20.542
11/29/1998	333	10.3435	1.7	13.0016	13.0016	0.0000	4.343	44.567
11/30/1998	334	10.1917	4.8	12.1133	12.1133	0.0000	4.192	41.755
12/1/1998	335	10.1522	0.0	11.0602	11.0602	0.0000	4.152	37.419
12/2/1998	336	10.0958	1.2	3.2277	3.2277	0.0000	4.096	7.811
12/3/1998	337	10.0250	3.7	5.9786	5.9786	0.0000	4.025	17.409
12/4/1998	338	10.0667	2.7	-0.4204	0.4204	-0.4204	4.067	0.578
12/5/1998	339	10.0042	0.0	-0.9283	0.9283	-0.9283	4.004	1.610
12/6/1998	340	9.9087	0.0	-0.8847	0.8847	-0.8847	3.909	1.541
12/7/1998	341	9.9348	0.5	8.8232	8.8232	0.0000	3.935	29.117
12/8/1998	342	9.7583	0.0	3.1732	3.1732	0.0000	3.758	8.126
12/9/1998	343	9.8182	0.0	13.9480	13.9480	0.0000	3.818	53.462
12/10/1998	344	9.6792	3.1	7.4647	7.4647	0.0000	3.679	24.662
12/11/1998	345	9.5083	0.0	12.7914	12.7914	0.0000	3.508	50.836
12/12/1998	346	9.5083	0.0	7.4012	7.4012	0.0000	3.508	25.236
12/13/1998	347	9.5583	0.4	-0.5885	0.5885	-0.5885	3.558	0.978
12/14/1998	348	9.4792	0.0	6.3363	6.3363	0.0000	3.479	20.809
12/15/1998	349	9.7652	0.0	4.9167	4.9167	0.0000	3.765	14.215
12/16/1998	350	9.7667	0.0	7.8452	7.8452	0.0000	3.767	25.845
12/17/1998	351	9.7875	2.6	-9.4408	9.4408	-9.4408	3.788	32.628
12/18/1998	352	9.5208	6.5	-6.2376	6.2376	-6.2376	3.521	20.222
12/19/1998	353	9.3708	6.5	-3.2172	3.2172	-3.2172	3.371	8.939
12/20/1998	354	9.0333	3.1	-2.2332	2.2332	-2.2332	3.033	6.040
12/21/1998	355	9.1417	0.0	-1.3190	1.3190	-1.3190	3.142	3.002
12/22/1998	356	8.9917	0.0	2.1613	2.1613	0.0000	2.992	5.850
12/23/1998	357	9.0958	0.0	9.1052	9.1052	0.0000	3.096	35.974
12/24/1998	358	9.1688	0.0	10.7687	10.7687	0.0000	3.169	43.858
12/25/1998	359	9.0792	0.0	3.3373	3.3373	0.0000	3.079	9.994
12/26/1998	360	9.0167	0.0	-3.3314	3.3314	-3.3314	3.017	10.118
12/27/1998	361	8.9042	0.0	4.6321	4.6321	0.0000	2.904	15.853
12/28/1998	362	9.0167	0.0	2.1381	2.1381	0.0000	3.017	5.736
12/29/1998	363	9.1833	0.6	3.0369	3.0369	0.0000	3.183	8.649
12/30/1998	364	9.0750	0.0	5.9840	5.9840	0.0000	3.075	21.123
12/31/1998	365	9.1792	4.6	1.8615	1.8615	0.0000	3.179	4.627
1/1/1999	1	8.9438	0.0	6.4962	6.4962	0.0000	2.944	24.206
1/2/1999	2	8.8833	6.5	8.7211	8.7211	0.0000	2.883	35.817
1/3/1999	3	8.9125	0.0	8.6976	8.6976	0.0000	2.913	35.437
1/4/1999	4	8.9000	0.0	8.3934	8.3934	0.0000	2.900	33.963
1/5/1999	5	8.9217	2.0	5.7857	5.7857	0.0000	2.922	20.983
1/6/1999	6	8.9778	0.0	3.1577	3.1577	0.0000	2.978	9.536
1/7/1999	7	8.8400	0.9	-3.5383	3.5383	-3.5383	2.840	11.411
1/8/1999	8	8.9000	0.0	6.1579	6.1579	0.0000	2.900	22.848
1/9/1999	9	8.9875	0.4	10.1724	10.1724	0.0000	2.988	42.526
1/10/1999	10	8.8792	0.0	9.7453	9.7453	0.0000	2.879	41.329
1/11/1999	11	8.8130	0.0	-1.7765	1.7765	-1.7765	2.813	4.756
1/12/1999	12	8.7455	5.6	0.6040	0.6040	0.0000	2.745	1.216
1/13/1999	13	8.6625	0.0	14.4961	14.4961	0.0000	2.663	72.655
1/14/1999	14	8.7208	1.7	4.6688	4.6688	0.0000	2.721	16.777
1/15/1999	15	8.5304	0.6	1.4260	1.4260	0.0000	2.530	3.872
1/16/1999	16	8.3583	4.5	-1.1707	1.1707	-1.1707	2.358	3.163
1/17/1999	17	8.1714	0.0	0.2608	0.2608	0.0000	2.171	0.491
1/18/1999	18	8.5000	0.6	2.1194	2.1194	0.0000	2.500	6.486

1/19/1999	19	8.3458	0.3	-6.6525	6.6525	-6.6525	2.346	29.346
1/20/1999	20	8.0083	0.0	-3.7875	3.7875	-3.7875	2.008	15.944
1/21/1999	21	7.5375	0.0	-2.7717	2.7717	-2.7717	1.538	12.937
1/22/1999	22	7.8042	0.0	-5.4455	5.4455	-5.4455	1.804	27.394
1/23/1999	23	7.8083	7.8	-7.5060	7.5060	-7.5060	1.808	41.242
1/24/1999	24	7.7792	0.3	0.8358	0.8358	0.0000	1.779	2.513
1/25/1999	25	7.7542	0.0	-4.5131	4.5131	-4.5131	1.754	21.977
1/26/1999	26	7.7250	4.9	-5.1244	5.1244	-5.1244	1.725	26.169
1/27/1999	27	7.6208	0.5	2.0087	2.0087	0.0000	1.621	8.251
1/28/1999	28	7.5957	0.4	0.5653	0.5653	0.0000	1.596	1.647
1/29/1999	29	7.4783	2.5	2.6725	2.6725	0.0000	1.478	12.699
1/30/1999	30	7.4333	0.0	6.8087	6.8087	0.0000	1.433	42.974
1/31/1999	31	7.5125	0.0	4.9736	4.9736	0.0000	1.513	27.666
2/1/1999	32	7.6542	0.0	4.0774	4.0774	0.0000	1.654	20.126
2/2/1999	33	7.7652	2.1	0.7576	0.7576	0.0000	1.765	2.228
2/3/1999	34	7.8238	0.2	2.3892	2.3892	0.0000	1.824	9.470
2/4/1999	35	7.7958	3.7	-2.7103	2.7103	-2.7103	1.796	11.252
2/5/1999	36	7.9050	0.0	18.8470	18.8470	0.0000	1.905	129.117
2/6/1999	37	7.8375	0.0	1.1715	1.1715	0.0000	1.838	3.783
2/7/1999	38	7.7375	0.0	0.5492	0.5492	0.0000	1.738	1.493
2/8/1999	39	7.5500	1.9	-0.5985	0.5985	-0.5985	1.550	1.808
2/9/1999	40	7.6292	0.0	1.5853	1.5853	0.0000	1.629	6.072
2/10/1999	41	7.5917	2.0	4.7634	4.7634	0.0000	1.592	25.242
2/11/1999	42	7.8278	0.0	21.7422	21.7422	0.0000	1.828	159.681
2/12/1999	43	7.7000	0.0	19.0723	19.0723	0.0000	1.700	142.198
2/13/1999	44	7.7667	1.1	10.0298	10.0298	0.0000	1.767	60.772
2/14/1999	45	7.8167	4.8	5.2772	5.2772	0.0000	1.817	26.186
2/15/1999	46	7.7857	0.3	14.7568	14.7568	0.0000	1.786	98.863
2/16/1999	47	7.9522	0.7	14.3043	14.3043	0.0000	1.952	89.143
2/17/1999	48	8.0375	4.1	7.3603	7.3603	0.0000	2.038	36.936
2/18/1999	49	7.9042	0.0	2.3111	2.3111	0.0000	1.904	8.801
2/19/1999	50	7.7250	3.4	0.6072	0.6072	0.0000	1.725	1.706
2/20/1999	51	8.0042	5.8	11.6618	11.6618	0.0000	2.004	67.359
2/21/1999	52	8.0783	0.7	3.9243	3.9243	0.0000	2.078	16.282
2/22/1999	53	8.0125	1.0	7.0834	7.0834	0.0000	2.013	35.478
2/23/1999	54	7.8826	0.5	3.9235	3.9235	0.0000	1.883	17.468
2/24/1999	55	7.7625	0.8	6.6335	6.6335	0.0000	1.763	35.860
2/25/1999	56	7.8458	0.1	8.0048	8.0048	0.0000	1.846	44.131
2/26/1999	57	7.6042	2.3	9.3760	9.3760	0.0000	1.604	59.725
2/27/1999	58	7.9217	3.8	11.6900	11.6900	0.0000	1.922	69.624
2/28/1999	59	8.0000	4.1	10.2931	10.2931	0.0000	2.000	57.497
3/1/1999	60	7.9958	0.0	10.7353	10.7353	0.0000	1.996	60.768
3/2/1999	61	7.8542	1.3	-2.0109	2.0109	-2.0109	1.854	7.506
3/3/1999	62	7.8167	0.0	-3.0314	3.0314	-3.0314	1.817	12.879
3/4/1999	63	7.8167	0.1	-4.8349	4.8349	-4.8349	1.817	23.410
3/5/1999	64	7.6458	4.8	0.3255	0.3255	0.0000	1.646	0.794
3/6/1999	65	7.6917	1.1	6.8228	6.8228	0.0000	1.692	38.280
3/7/1999	66	7.8333	2.2	4.7461	4.7461	0.0000	1.833	22.713
3/8/1999	67	7.6750	0.8	8.3557	8.3557	0.0000	1.675	49.970
3/9/1999	68	7.7261	4.9	0.2144	0.2144	0.0000	1.726	0.450
3/10/1999	69	7.9208	3.9	0.5595	0.5595	0.0000	1.921	1.423
3/11/1999	70	7.8818	0.0	13.3759	13.3759	0.0000	1.882	83.978

3/12/1999	71	7.6739	0.0	7.3089	7.3089	0.0000	1.674	42.121
3/13/1999	72	7.5333	6.3	1.8108	1.8108	0.0000	1.533	7.517
3/14/1999	73	7.4375	5.1	-1.0340	1.0340	-1.0340	1.438	3.842
3/15/1999	74	7.4957	0.5	3.5962	3.5962	0.0000	1.496	18.415
3/16/1999	75	7.4792	4.1	-1.0083	1.0083	-1.0083	1.479	3.645
3/17/1999	76	7.5333	0.0	9.5858	9.5858	0.0000	1.533	63.454
3/18/1999	77	7.6750	4.0	3.2932	3.2932	0.0000	1.675	15.175
3/19/1999	78	7.7083	3.2	4.6291	4.6291	0.0000	1.708	23.136
3/20/1999	79	7.7792	5.0	6.6904	6.6904	0.0000	1.779	36.012
3/21/1999	80	7.8625	0.3	7.1103	7.1103	0.0000	1.863	37.678
3/22/1999	81	7.9083	1.0	10.3214	10.3214	0.0000	1.908	59.665
3/23/1999	82	7.8542	3.8	11.5725	11.5725	0.0000	1.854	70.509
3/24/1999	83	7.6708	2.6	10.1882	10.1882	0.0000	1.671	64.522
3/25/1999	84	7.9208	0.3	12.0225	12.0225	0.0000	1.921	72.193
3/26/1999	85	7.8292	1.7	1.1039	1.1039	0.0000	1.829	3.517
3/27/1999	86	7.6833	2.6	3.4333	3.4333	0.0000	1.683	15.950
3/28/1999	87	7.5708	1.1	9.9311	9.9311	0.0000	1.571	65.259
3/29/1999	88	7.5667	2.8	2.3575	2.3575	0.0000	1.567	10.376
3/30/1999	89	7.7292	7.1	-6.1654	6.1654	-6.1654	1.729	33.102
3/31/1999	90	8.0833	11.0	-0.9040	0.9040	-0.9040	2.083	2.482
4/1/1999	91	8.0417	6.4	6.8424	6.8424	0.0000	2.042	33.593
4/2/1999	92	7.7667	3.6	9.1197	9.1197	0.0000	1.767	53.805
4/3/1999	93	7.1667	11.6	6.0562	6.0562	0.0000	1.167	42.847
4/4/1999	94	7.2233	0.5	4.5245	4.5245	0.0000	1.223	28.520
4/5/1999	95	6.4011	11.6	3.7587	3.7587	0.0000	0.401	49.866
4/6/1999	96	7.5600	0.0	2.9928	2.9928	0.0000	1.560	14.126
4/7/1999	97	7.4455	0.0	-0.5326	0.5326	-0.5326	1.445	1.637
4/8/1999	98	7.3625	4.5	-3.7594	3.7594	-3.7594	1.363	20.833
4/9/1999	99	7.5333	1.3	11.7032	11.7032	0.0000	1.533	81.922
4/10/1999	100	7.6208	7.5	6.8322	6.8322	0.0000	1.621	39.537
4/11/1999	101	7.7292	0.0	12.3807	12.3807	0.0000	1.729	80.801
4/12/1999	102	7.5875	4.6	3.7906	3.7906	0.0000	1.588	18.878
4/13/1999	103	7.6667	8.3	0.3901	0.3901	0.0000	1.667	0.993
4/14/1999	104	7.8043	11.9	7.5480	7.5480	0.0000	1.804	41.603
4/15/1999	105	7.8500	12.4	2.4805	2.4805	0.0000	1.850	9.835
4/16/1999	106	8.3217	4.6	-2.5887	2.5887	-2.5887	2.322	8.832
4/17/1999	107	8.3625	1.7	2.2922	2.2922	0.0000	2.363	7.465
4/18/1999	108	7.9708	1.3	9.3128	9.3128	0.0000	1.971	51.116
4/19/1999	109	7.8435	0.0	11.3319	11.3319	0.0000	1.843	68.922
4/20/1999	110	7.8708	6.5	-0.0237	0.0237	-0.0237	1.871	0.025
4/21/1999	111	7.9375	7.6	-3.5683	3.5683	-3.5683	1.938	15.156
4/22/1999	112	7.9591	6.3	-6.8123	6.8123	-6.8123	1.959	34.404
4/23/1999	113	8.1458	8.8	6.0142	6.0142	0.0000	2.146	27.486
4/24/1999	114	8.1913	0.0	7.7862	7.7862	0.0000	2.191	37.684
4/25/1999	115	8.0190	8.0	1.3302	1.3302	0.0000	2.019	4.162
4/26/1999	116	8.0792	4.8	3.5826	3.5826	0.0000	2.079	14.485
4/27/1999	117	8.3200	11.6	-3.1584	3.1584	-3.1584	2.320	11.399
4/28/1999	118	8.4087	10.3	-6.9353	6.9353	-6.9353	2.409	30.373
4/29/1999	119	8.4478	4.5	7.2253	7.2253	0.0000	2.448	31.642
4/30/1999	120	8.3667	3.2	7.1340	7.1340	0.0000	2.367	31.889
5/1/1999	121	8.3136	5.0	3.4607	3.4607	0.0000	2.314	12.839
5/2/1999	122	8.3042	0.1	1.7171	1.7171	0.0000	2.304	5.251

5/3/1999	123	8.3167	5.9	-2.4491	2.4491	-2.4491	2.317	8.240
5/4/1999	124	8.5643	7.3	-0.8371	0.8371	-0.8371	2.564	1.940
5/5/1999	125	8.2409	0.0	9.0588	9.0588	0.0000	2.241	45.016
5/6/1999	126	8.1136	0.6	9.6587	9.6587	0.0000	2.114	50.950
5/7/1999	127	8.1208	5.4	1.5253	1.5253	0.0000	2.121	4.787
5/8/1999	128	8.1083	4.7	0.9896	0.9896	0.0000	2.108	2.763
5/9/1999	129	8.2417	12.8	3.5283	3.5283	0.0000	2.242	13.461
5/10/1999	130	8.2042	2.2	6.2094	6.2094	0.0000	2.204	28.089
5/11/1999	131	8.2500	0.2	9.2669	9.2669	0.0000	2.250	46.210
5/12/1999	132	8.2478	4.4	3.5379	3.5379	0.0000	2.248	13.482
5/13/1999	133	8.5250	7.6	2.4970	2.4970	0.0000	2.525	7.943
5/14/1999	134	8.9417	12.3	-3.7956	3.7956	-3.7956	2.942	12.174
5/15/1999	135	9.2042	5.8	-3.4832	3.4832	-3.4832	3.204	10.261
5/16/1999	136	9.3667	6.5	-1.7566	1.7566	-1.7566	3.367	4.124
5/17/1999	137	9.7208	11.2	-4.0134	4.0134	-4.0134	3.721	11.055
5/18/1999	138	9.0217	3.7	-7.8837	7.8837	-7.8837	3.022	30.439
5/19/1999	139	8.9810	0.0	6.5436	6.5436	0.0000	2.981	24.214
5/20/1999	140	9.0000	0.5	7.0569	7.0569	0.0000	3.000	26.551
5/21/1999	141	9.0292	0.8	8.5319	8.5319	0.0000	3.029	33.620
5/22/1999	142	8.9542	4.6	8.5138	8.5138	0.0000	2.954	34.134
5/23/1999	143	8.9250	14.0	7.5080	7.5080	0.0000	2.925	29.267
5/24/1999	144	9.1500	0.9	3.0536	3.0536	0.0000	3.150	8.776
5/25/1999	145	9.0833	5.9	1.6207	1.6207	0.0000	3.083	3.961
5/26/1999	146	9.1500	0.0	7.6309	7.6309	0.0000	3.150	28.341
5/27/1999	147	8.9750	2.5	7.4478	7.4478	0.0000	2.975	28.618
5/28/1999	148	9.1458	14.4	-1.4654	1.4654	-1.4654	3.146	3.432
5/29/1999	149	9.3375	13.1	-7.6605	7.6605	-7.6605	3.338	27.330
5/30/1999	150	9.1708	0.0	3.9840	3.9840	0.0000	3.171	12.277
5/31/1999	151	9.2333	1.0	-2.2334	2.2334	-2.2334	3.233	5.772
6/1/1999	152	9.3542	14.1	-7.0694	7.0694	-7.0694	3.354	24.573
6/2/1999	153	9.5087	13.5	-6.1728	6.1728	-6.1728	3.509	20.003
6/3/1999	154	10.2917	1.9	-1.8518	1.8518	-1.8518	4.292	3.710
6/4/1999	155	10.4625	0.0	8.4775	8.4775	0.0000	4.463	25.287
6/5/1999	156	9.6042	2.9	5.6837	5.6837	0.0000	3.604	17.656
6/6/1999	157	9.5458	0.1	5.6438	5.6438	0.0000	3.546	17.703
6/7/1999	158	10.0250	2.4	-0.8909	0.8909	-0.8909	4.025	1.522
6/8/1999	159	10.6000	0.1	-3.8983	3.8983	-3.8983	4.600	9.154
6/9/1999	160	10.6125	0.0	-1.2089	1.2089	-1.2089	4.613	2.041
6/10/1999	161	11.3875	12.2	-0.8235	0.8235	-0.8235	5.388	1.118
6/11/1999	162	11.4125	13.1	3.7470	3.7470	0.0000	5.413	7.748
6/12/1999	163	11.2625	0.0	1.3360	1.3360	0.0000	5.263	2.112
6/13/1999	164	10.6300	9.3	6.2499	6.2499	0.0000	4.630	16.673
6/14/1999	165	10.8778	8.6	-1.9390	1.9390	-1.9390	4.878	3.591
6/15/1999	166	11.4583	3.6	-2.2336	2.2336	-2.2336	5.458	3.972
6/16/1999	167	11.1609	8.4	5.5538	5.5538	0.0000	5.161	13.265
6/17/1999	168	10.8500	0.4	8.9681	8.9681	0.0000	4.850	25.607
6/18/1999	169	11.1556	0.3	4.2001	4.2001	0.0000	5.156	9.284
6/19/1999	170	10.8417	2.7	5.7744	5.7744	0.0000	4.842	14.594
6/20/1999	171	10.5875	0.0	7.3846	7.3846	0.0000	4.588	20.778
6/21/1999	172	10.7958	0.1	3.4203	3.4203	0.0000	4.796	7.516
6/22/1999	173	10.6739	0.3	3.8254	3.8254	0.0000	4.674	8.835
6/23/1999	174	11.0778	0.0	0.1875	0.1875	0.0000	5.078	0.175

6/24/1999	175	11.0222	1.0	-7.6774	7.6774	-7.6774	5.022	20.472
6/25/1999	176	11.1583	0.0	-3.6632	3.6632	-3.6632	5.158	7.790
6/26/1999	177	11.4833	0.7	-4.0053	4.0053	-4.0053	5.483	8.360
6/27/1999	178	11.7333	0.5	7.1807	7.1807	0.0000	5.733	17.097
6/28/1999	179	10.9875	0.9	9.8141	9.8141	0.0000	4.988	28.171
6/29/1999	180	10.8542	0.0	6.0911	6.0911	0.0000	4.854	15.597
6/30/1999	181	10.7125	1.0	4.1093	4.1093	0.0000	4.713	9.626
7/1/1999	182	10.9000	0.7	-4.1350	4.1350	-4.1350	4.900	9.436
7/2/1999	183	11.1167	2.7	-7.1120	7.1120	-7.1120	5.117	18.317
7/3/1999	184	11.1769	4.0	-7.7752	7.7752	-7.7752	5.177	20.360
7/4/1999	185	11.2435	4.9	-1.2631	6.5121	-3.8876	5.243	16.080
7/5/1999	186	11.3100	7.0	5.2490	5.2490	0.0000	5.310	12.092
7/6/1999	187	11.2792	7.0	-4.7428	4.7428	-4.7428	5.279	10.664
7/7/1999	188	11.6167	0.2	-3.0238	3.0238	-3.0238	5.617	5.735
7/8/1999	189	11.6750	8.5	6.0753	6.0753	0.0000	5.675	13.904
7/9/1999	190	11.9261	12.2	3.8709	3.8709	0.0000	5.926	7.571
7/10/1999	191	12.2708	2.1	6.6265	6.6265	0.0000	6.271	14.470
7/11/1999	192	12.0667	9.3	4.9821	4.9821	0.0000	6.067	10.284
7/12/1999	193	11.7435	7.2	0.6089	0.6089	0.0000	5.743	0.726
7/13/1999	194	11.7125	12.4	-7.5886	7.5886	-7.5886	5.713	18.397
7/14/1999	195	11.5667	14.6	-11.2802	11.2802	-11.2802	5.567	31.126
7/15/1999	196	11.6125	3.4	-7.2706	7.2706	-7.2706	5.613	17.637
7/16/1999	197	12.1261	14.4	-4.3483	4.3483	-4.3483	6.126	8.581
7/17/1999	198	12.4000	11.6	-7.7427	7.7427	-7.7427	6.400	17.405
7/18/1999	199	12.0833	2.1	-8.2825	8.2825	-8.2825	6.083	19.674
7/19/1999	200	11.8833	4.8	-5.7481	5.7481	-5.7481	5.883	12.624
7/20/1999	201	12.4500	2.6	-6.9133	6.9133	-6.9133	6.450	14.972
7/21/1999	202	12.3500	5.3	0.3719	0.3719	0.0000	6.350	0.359
7/22/1999	203	12.7042	0.5	5.2620	5.2620	0.0000	6.704	10.270
7/23/1999	204	12.2708	3.5	-1.3072	1.3072	-1.3072	6.271	1.812
7/24/1999	205	12.5292	13.0	-5.7902	5.7902	-5.7902	6.529	11.829
7/25/1999	206	12.7625	1.2	5.3435	5.3435	0.0000	6.763	10.410
7/26/1999	207	13.2708	5.3	7.0668	7.0668	0.0000	7.271	14.137
7/27/1999	208	13.1083	0.8	3.5370	3.5370	0.0000	7.108	5.924
7/28/1999	209	12.6458	0.0	3.8335	3.8335	0.0000	6.646	6.890
7/29/1999	210	12.6583	7.2	-4.4509	4.4509	-4.4509	6.658	8.330
7/30/1999	211	12.7958	11.2	-8.2999	8.2999	-8.2999	6.796	18.227
7/31/1999	212	12.5958	9.3	-8.0621	8.0621	-8.0621	6.596	17.940
8/1/1999	213	12.8875	9.4	-3.0646	3.0646	-3.0646	6.888	5.043
8/2/1999	214	13.4750	8.4	-1.8387	1.8387	-1.8387	7.475	2.474
8/3/1999	215	14.5304	13.7	-0.6128	0.6128	-0.6128	8.530	0.552
8/4/1999	216	14.7792	8.3	-3.8076	3.8076	-3.8076	8.779	5.599
8/5/1999	217	13.9833	5.4	-6.1992	6.1992	-6.1992	7.983	11.183
8/6/1999	218	13.7792	5.9	-5.1373	5.1373	-5.1373	7.779	8.956
8/7/1999	219	14.7333	5.6	-3.1648	3.1648	-3.1648	8.733	4.436
8/8/1999	220	15.1217	5.3	6.4455	6.4455	0.0000	9.122	10.687
8/9/1999	221	14.7792	4.0	-1.4582	1.4582	-1.4582	8.779	1.639
8/10/1999	222	14.4458	8.2	-8.3932	8.3932	-8.3932	8.446	15.832
8/11/1999	223	13.9750	0.5	-2.7636	2.7636	-2.7636	7.975	3.979
8/12/1999	224	14.0739	4.3	-2.7558	2.7558	-2.7558	8.074	3.930
8/13/1999	225	14.4333	4.7	-1.2257	1.2257	-1.2257	8.433	1.350
8/14/1999	226	14.4333	0.0	9.5218	9.5218	0.0000	8.433	18.626

8/15/1999	227	13.8375	0.7	4.9499	4.9499	0.0000	7.838	8.495
8/16/1999	228	13.8500	0.8	7.5992	7.5992	0.0000	7.850	14.688
8/17/1999	229	13.2292	9.4	10.0409	10.0409	0.0000	7.229	22.253
8/18/1999	230	13.2478	6.6	2.5430	2.5430	0.0000	7.248	3.830
8/19/1999	231	13.3208	4.1	6.7108	6.7108	0.0000	7.321	13.167
8/20/1999	232	13.3750	0.0	6.4383	6.4383	0.0000	7.375	12.421
8/21/1999	233	13.0800	6.3	6.0185	6.0185	0.0000	7.080	11.731
8/22/1999	234	13.3329	10.1	5.9201	5.9201	0.0000	7.333	11.202
8/23/1999	235	13.5857	1.7	5.8218	5.8218	0.0000	7.586	10.702
8/24/1999	236	13.3565	0.0	5.4343	5.4343	0.0000	7.357	10.016
8/25/1999	237	13.3542	3.6	1.5480	1.5480	0.0000	7.354	2.008
8/26/1999	238	13.2500	3.1	6.0328	6.0328	0.0000	7.250	11.569
8/27/1999	239	13.0957	11.9	6.6804	6.6804	0.0000	7.096	13.386
8/28/1999	240	13.0333	0.0	7.8678	7.8678	0.0000	7.033	16.609
8/29/1999	241	13.2958	9.8	0.8787	0.8787	0.0000	7.296	0.978
8/30/1999	242	13.7522	12.2	-1.6488	1.6488	-1.6488	7.752	2.096
8/31/1999	243	14.0045	9.2	0.0029	0.0029	0.0000	8.005	0.001
9/1/1999	244	13.8095	0.0	2.4083	2.4083	0.0000	7.810	3.387
9/2/1999	245	13.9958	7.3	-2.5827	2.5827	-2.5827	7.996	3.642
9/3/1999	246	14.3333	4.0	-1.2456	1.2456	-1.2456	8.333	1.390
9/4/1999	247	13.8609	6.7	3.0450	3.0450	0.0000	7.861	4.551
9/5/1999	248	13.5182	6.6	3.0896	3.0896	0.0000	7.518	4.787
9/6/1999	249	13.3348	4.1	-4.8621	4.8621	-4.8621	7.335	8.705
9/7/1999	250	13.4917	2.9	3.8001	3.8001	0.0000	7.492	6.255
9/8/1999	251	12.9529	4.4	8.9753	8.9753	0.0000	6.953	19.821
9/9/1999	252	12.8000	5.3	-0.6395	0.6395	-0.6395	6.800	0.685
9/10/1999	253	13.0261	3.6	-2.0346	2.0346	-2.0346	7.026	2.943
9/11/1999	254	13.2917	4.9	-2.5822	2.5822	-2.5822	7.292	3.889
9/12/1999	255	13.6333	6.0	-2.9049	2.9049	-2.9049	7.633	4.376
9/13/1999	256	13.6875	3.9	-5.6851	5.6851	-5.6851	7.688	10.283
9/14/1999	257	13.4083	5.2	-7.9372	7.9372	-7.9372	7.408	16.185
9/15/1999	258	13.3583	4.8	0.8185	0.8185	0.0000	7.358	0.888
9/16/1999	259	12.8708	5.4	-7.0625	7.0625	-7.0625	6.871	14.708
9/17/1999	260	13.0583	5.9	-4.8244	4.8244	-4.8244	7.058	8.858
9/18/1999	261	13.6933	3.3	1.6829	1.6829	0.0000	7.693	2.164
9/19/1999	262	13.7267	4.0	-0.6950	2.3779	-1.5365	7.727	3.358
9/20/1999	263	13.7600	6.2	-3.0729	3.0729	-3.0729	7.760	4.648
9/21/1999	264	13.8167	4.9	-1.7999	1.7999	-1.7999	7.817	2.331
9/22/1999	265	13.7714	5.4	7.5605	7.5605	0.0000	7.771	14.698
9/23/1999	266	13.1958	5.9	0.9490	0.9490	0.0000	7.196	1.090
9/24/1999	267	13.0333	6.2	2.7268	2.7268	0.0000	7.033	4.278
9/25/1999	268	12.7625	3.0	-4.8129	4.8129	-4.8129	6.763	9.105
9/26/1999	269	12.8333	5.7	-4.6213	4.6213	-4.6213	6.833	8.580
9/27/1999	270	12.7714	6.7	-3.8211	3.8211	-3.8211	6.771	6.770
9/28/1999	271	12.3958	2.0	8.6522	8.6522	0.0000	6.396	20.074
9/29/1999	272	11.8375	4.2	-7.1968	7.1968	-7.1968	5.838	16.927
9/30/1999	273	11.6333	4.1	-11.6683	11.6683	-11.6683	5.633	32.229
10/1/1999	274	11.4864	3.9	-11.9140	11.9140	-11.9140	5.486	33.731
10/2/1999	275	11.5417	5.1	-10.1031	10.1031	-10.1031	5.542	27.118
10/3/1999	276	11.3542	4.7	-1.9604	1.9604	-1.9604	5.354	3.407
10/4/1999	277	11.4913	5.6	2.8404	2.8404	0.0000	5.491	5.379
10/5/1999	278	11.5375	3.4	5.8288	5.8288	0.0000	5.538	13.419

10/6/1999	279	11.4450	4.3	9.5670	9.5670	0.0000	5.445	25.610
10/7/1999	280	11.2857	2.5	3.4522	3.4522	0.0000	5.286	7.095
10/8/1999	281	11.0111	1.6	-1.1496	1.1496	-1.1496	5.011	1.804
10/9/1999	282	10.9958	2.2	2.4990	2.4990	0.0000	4.996	4.885
10/10/1999	283	10.8375	3.2	3.3894	3.3894	0.0000	4.838	7.383
10/11/1999	284	10.9583	4.2	2.7545	2.7545	0.0000	4.958	5.563
10/12/1999	285	11.0565	3.8	11.5802	11.5802	0.0000	5.057	34.477
10/13/1999	286	10.7458	2.3	0.0285	0.0285	0.0000	4.746	0.017
10/14/1999	287	10.6667	1.7	-4.1764	4.1764	-4.1764	4.667	9.896
10/15/1999	288	10.5957	3.9	-1.8994	1.8994	-1.8994	4.596	3.650
10/16/1999	289	10.6208	3.0	9.9692	9.9692	0.0000	4.621	30.352
10/17/1999	290	10.7478	1.5	0.8795	0.8795	0.0000	4.748	1.331
10/18/1999	291	10.8667	4.7	-3.3458	3.3458	-3.3458	4.867	7.231
10/19/1999	292	10.9522	2.5	-0.4741	0.4741	-0.4741	4.952	0.585
10/20/1999	293	10.8750	2.7	2.5083	2.5083	0.0000	4.875	4.995
10/21/1999	294	10.7917	1.5	7.8057	7.8057	0.0000	4.792	21.624
10/22/1999	295	10.8000	2.3	7.7046	7.7046	0.0000	4.800	21.240
10/23/1999	296	10.7833	3.9	13.3313	13.3313	0.0000	4.783	42.957
10/24/1999	297	10.5565	3.0	5.7416	5.7416	0.0000	4.557	15.129
10/25/1999	298	10.4167	1.5	11.7525	11.7525	0.0000	4.417	38.698
10/26/1999	299	10.2261	1.4	3.4440	3.4440	0.0000	4.226	8.299
10/27/1999	300	10.1375	2.6	6.4715	6.4715	0.0000	4.138	18.891
10/28/1999	301	9.9833	2.5	-4.6893	4.6893	-4.6893	3.983	12.852
10/29/1999	302	9.9435	2.4	9.2151	9.2151	0.0000	3.943	30.734
10/30/1999	303	9.9792	2.8	0.7357	0.7357	0.0000	3.979	1.201
10/31/1999	304	9.7565	2.4	-4.2675	4.2675	-4.2675	3.757	11.878
11/1/1999	305	9.5250	3.3	8.9393	8.9393	0.0000	3.525	32.027
11/2/1999	306	9.5182		12.3800	12.3800	0.0000	3.518	48.655
11/3/1999	307	9.4435		-3.0084	3.0084	-3.0084	3.443	8.079
11/4/1999	308	9.2000		-1.6930	1.6930	-1.6930	3.200	4.079
11/5/1999	309	9.2700		13.3986	13.3986	0.0000	3.270	56.724
11/6/1999	310	9.4273		11.6465	11.6465	0.0000	3.427	45.845
11/7/1999	311	9.6091		5.6594	5.6594	0.0000	3.609	17.542
11/8/1999	312	9.5952		11.8547	11.8547	0.0000	3.595	45.322
11/9/1999	313	9.4619		8.6884	8.6884	0.0000	3.462	31.282
11/10/1999	314	9.4053		10.6234	10.6234	0.0000	3.405	40.943
11/11/1999	315	9.1667		5.8032	5.8032	0.0000	3.167	19.888
11/12/1999	316	8.9762		-0.0826	0.0826	-0.0826	2.976	0.090
11/13/1999	317	9.2750		10.2165	10.2165	0.0000	3.275	40.047
11/14/1999	318	9.2833		7.0782	7.0782	0.0000	3.283	24.990
11/15/1999	319	9.2909		8.5330	8.5330	0.0000	3.291	31.693
11/16/1999	320	9.3261		11.4146	11.4146	0.0000	3.326	45.647
11/17/1999	321	9.4650		5.2571	5.2571	0.0000	3.465	16.433
11/18/1999	322	9.6375		10.3258	10.3258	0.0000	3.638	37.664
11/19/1999	323	9.6304		15.3479	15.3479	0.0000	3.630	62.640
11/20/1999	324	9.4792		0.5702	0.5702	0.0000	3.479	0.954
11/21/1999	325	9.1875		0.8197	0.8197	0.0000	3.188	1.616
11/22/1999	326	9.2750		1.1781	1.1781	0.0000	3.275	2.522
11/23/1999	327	8.5682		2.3505	2.3505	0.0000	2.568	7.263
11/24/1999	328	9.3500		-2.0356	2.0356	-2.0356	3.350	4.998
11/25/1999	329	9.0625		-1.9305	1.9305	-1.9305	3.063	4.979
11/26/1999	330	8.6750		-1.6099	1.6099	-1.6099	2.675	4.346

11/27/1999	331	9.0542		12.6395	12.6395	0.0000	3.054	55.274
11/28/1999	332	9.1545		12.9966	12.9966	0.0000	3.155	55.973
11/29/1999	333	9.0708		6.5923	6.5923	0.0000	3.071	23.932
11/30/1999	334	8.9875		-0.6449	0.6449	-0.6449	2.988	1.245
12/1/1999	335	9.1000		11.0006	11.0006	0.0000	3.100	45.783
12/2/1999	336	9.0583		-4.0627	4.0627	-4.0627	3.058	12.917
12/3/1999	337	9.1478		9.2773	9.2773	0.0000	3.148	36.412
12/4/1999	338	9.2667		17.5019	17.5019	0.0000	3.267	79.909
12/5/1999	339	9.1521		6.8262	10.6757	-1.9248	3.152	43.538
12/6/1999	340	9.0375		-3.8496	3.8496	-3.8496	3.038	12.115
12/7/1999	341	9.2000		-1.3701	1.3701	-1.3701	3.200	3.111
12/8/1999	342	9.0783		14.0807	14.0807	0.0000	3.078	63.111
12/9/1999	343	9.1125		5.0688	5.0688	0.0000	3.113	16.932
12/10/1999	344	9.0875		3.1847	3.1847	0.0000	3.088	9.394
12/11/1999	345	9.3292		-0.9720	0.9720	-0.9720	3.329	1.949
12/12/1999	346	9.0125		0.6390	0.6390	0.0000	3.013	1.223
12/13/1999	347	8.6708		-1.8272	1.8272	-1.8272	2.671	5.117
12/14/1999	348	8.6737		0.8561	0.8561	0.0000	2.674	1.937
12/15/1999	349	8.8917		9.2983	9.2983	0.0000	2.892	38.799
12/16/1999	350	8.9417		1.1456	1.1456	0.0000	2.942	2.627
12/17/1999	351	8.7833		2.3623	2.3623	0.0000	2.783	6.902
12/18/1999	352	8.6353		-9.6479	9.6479	-9.6479	2.635	43.463
12/19/1999	353	8.5130		5.0747	5.0747	0.0000	2.513	19.756
12/20/1999	354	8.7261		2.6407	2.6407	0.0000	2.726	8.079
12/21/1999	355	8.7875		1.1341	1.1341	0.0000	2.788	2.695
12/22/1999	356	8.5833		0.1515	0.1515	0.0000	2.583	0.216
12/23/1999	357	8.7875		7.3233	7.3233	0.0000	2.788	29.340
12/24/1999	358	8.8000		9.3358	9.3358	0.0000	2.800	39.906
12/25/1999	359	8.7875		7.4453	7.4453	0.0000	2.788	29.967
12/26/1999	360	8.4125		0.3668	0.3668	0.0000	2.413	0.705
12/27/1999	361	8.4708		2.5928	2.5928	0.0000	2.471	8.466
12/28/1999	362	8.4458		4.4600	4.4600	0.0000	2.446	17.074
12/29/1999	363	8.3042		-1.0166	1.0166	-1.0166	2.304	2.684
12/30/1999	364	7.7208		-1.3152	1.3152	-1.3152	1.721	4.597
12/31/1999	365	7.9979		-2.5054	2.5054	-2.5054	1.998	9.429
1/1/2000	1	8.2750		-3.6956	3.6956	-3.6956	2.275	14.134
1/2/2000	2	8.1292		-4.8005	4.8005	-4.8005	2.129	20.712
1/3/2000	3	8.4333		13.6652	13.6652	0.0000	2.433	71.839
1/4/2000	4	8.5864		2.6850	2.6850	0.0000	2.586	8.568
1/5/2000	5	8.3182		-1.6827	1.6827	-1.6827	2.318	5.094
1/6/2000	6	8.4875		10.5399	10.5399	0.0000	2.488	50.719
1/7/2000	7	8.5042		7.1898	7.1898	0.0000	2.504	30.937
1/8/2000	8	8.4333		-1.2202	1.2202	-1.2202	2.433	3.262
1/9/2000	9	8.2292		-1.5180	1.5180	-1.5180	2.229	4.592
1/10/2000	10	8.0292		0.8951	0.8951	0.0000	2.029	2.497
1/11/2000	11	7.8292		3.0068	3.0068	0.0000	1.829	12.684
1/12/2000	12	7.8458		6.4863	6.4863	0.0000	1.846	33.714
1/13/2000	13	7.8792		9.5217	9.5217	0.0000	1.879	54.408
1/14/2000	14	7.6522		0.8657	0.8657	0.0000	1.652	2.771
1/15/2000	15	7.3000		-3.2464	3.2464	-3.2464	1.300	17.855
1/16/2000	16	7.3875		-4.5367	4.5367	-4.5367	1.388	26.157
1/17/2000	17	7.4042		-2.8369	2.8369	-2.8369	1.404	14.220

1/18/2000	18	7.3333		-4.5022	4.5022	-4.5022	1.333	26.650
1/19/2000	19	7.0130		-5.4723	5.4723	-5.4723	1.013	41.625
1/20/2000	20	6.9952		-1.2499	1.2499	-1.2499	0.995	6.368
1/21/2000	21	6.9583		-2.8075	2.8075	-2.8075	0.958	18.432
1/22/2000	22	6.7208		-2.4899	2.4899	-2.4899	0.721	19.370
1/23/2000	23	6.6917		-3.3325	3.3325	-3.3325	0.692	28.972
1/24/2000	24	6.4417		-5.0108	5.0108	-5.0108	0.442	67.267
1/25/2000	25	6.2043		-2.2771	2.2771	-2.2771	0.204	42.498
1/26/2000	26	6.3625		4.5918	4.5918	0.0000	0.363	69.265
1/27/2000	27	6.9458		8.8247	8.8247	0.0000	0.946	80.590
1/28/2000	28	7.4458		14.3320	14.3320	0.0000	1.446	110.730
1/29/2000	29	7.2958		10.1670	10.1670	0.0000	1.296	77.156
1/30/2000	30	7.3917		8.0445	8.0445	0.0000	1.392	54.334
1/31/2000	31	7.5417		10.4116	10.4116	0.0000	1.542	70.261
2/1/2000	32	7.5545		4.5997	4.5997	0.0000	1.555	24.548
2/2/2000	33	7.4682		-9.9775	9.9775	-9.9775	1.468	68.895
2/3/2000	34	7.3583		-0.7534	0.7534	-0.7534	1.358	2.668
2/4/2000	35	7.7583		0.4991	0.4991	0.0000	1.758	1.310
2/5/2000	36	7.9000		2.7337	2.7337	0.0000	1.900	10.928
2/6/2000	37	7.4833		2.9349	2.9349	0.0000	1.483	14.282
2/7/2000	38	7.7833		9.4185	9.4185	0.0000	1.783	55.698
2/8/2000	39	7.5500		4.3639	4.3639	0.0000	1.550	22.996
2/9/2000	40	7.8000		-6.5856	6.5856	-6.5856	1.800	34.999
2/10/2000	41	7.8391		-4.4081	4.4081	-4.4081	1.839	20.617
2/11/2000	42	7.8208		-3.8133	3.8133	-3.8133	1.821	17.249
2/12/2000	43	7.5522		-2.2224	2.2224	-2.2224	1.552	9.685
2/13/2000	44	7.6708		0.1854	0.1854	0.0000	1.671	0.382
2/14/2000	45	7.4652		-4.3532	4.3532	-4.3532	1.465	23.864
2/15/2000	46	7.2118		-0.5867	0.5867	-0.5867	1.212	2.101
2/16/2000	47	7.5375		1.3433	1.3433	0.0000	1.538	5.119
2/17/2000	48	7.0292		-4.3716	4.3716	-4.3716	1.029	30.876
2/18/2000	49	6.8609		4.3387	4.3387	0.0000	0.861	34.737
2/19/2000	50	7.3130		12.2955	12.2955	0.0000	1.313	97.486
2/20/2000	51	7.5458		13.6033	13.6033	0.0000	1.546	98.746
2/21/2000	52	7.3917		4.0105	4.0105	0.0000	1.392	22.291
2/22/2000	53	7.5478		10.3934	10.3934	0.0000	1.548	69.904
2/23/2000	54	7.4636		13.9305	13.9305	0.0000	1.464	105.846
2/24/2000	55	7.4500		7.7759	7.7759	0.0000	1.450	50.520
2/25/2000	56	7.6333		10.7282	10.7282	0.0000	1.633	70.058
2/26/2000	57	7.8167		6.0912	6.0912	0.0000	1.817	31.464
2/27/2000	58	7.7375		-4.3543	4.3543	-4.3543	1.738	21.136
2/28/2000	59	7.5500		8.3818	8.3818	0.0000	1.550	53.027
2/29/2000	60	7.9000		6.2616	6.2616	0.0000	1.900	31.568
3/1/2000	61	7.8750		13.8371	13.8371	0.0000	1.875	87.929
3/2/2000	62	7.6826		9.9974	9.9974	0.0000	1.683	62.664
3/3/2000	63	7.7083		5.7910	5.7910	0.0000	1.708	30.817
3/4/2000	64	7.6833		2.4299	2.4299	0.0000	1.683	10.247
3/5/2000	65	7.5417		0.8182	0.8182	0.0000	1.542	2.709
3/6/2000	66	7.5083		-2.2730	2.2730	-2.2730	1.508	10.175
3/7/2000	67	7.3625		4.5673	4.5673	0.0000	1.363	26.728
3/8/2000	68	7.3522		1.5540	1.5540	0.0000	1.352	6.761
3/9/2000	69	7.5000		2.7538	2.7538	0.0000	1.500	13.059

3/10/2000	70	7.6870		6.4749	6.4749	0.0000	1.687	35.871
3/11/2000	71	7.6458		12.4117	12.4117	0.0000	1.646	83.970
3/12/2000	72	7.5458		12.3887	12.3887	0.0000	1.546	87.605
3/13/2000	73	7.5333		13.0061	13.0061	0.0000	1.533	93.774
3/14/2000	74	7.6542		1.9068	1.9068	0.0000	1.654	7.608
3/15/2000	75	7.8000		9.3903	9.3903	0.0000	1.800	55.117
3/16/2000	76	7.7273		5.9218	5.9218	0.0000	1.727	31.462
3/17/2000	77	7.7739		9.6847	9.6847	0.0000	1.774	57.939
3/18/2000	78	7.9042		5.1317	5.1317	0.0000	1.904	24.431
3/19/2000	79	7.8292		2.1875	2.1875	0.0000	1.829	8.441
3/20/2000	80	7.8000		7.0203	7.0203	0.0000	1.800	37.983
3/21/2000	81	7.6609		4.7224	4.7224	0.0000	1.661	24.217
3/22/2000	82	7.6043		1.7935	1.7935	0.0000	1.604	7.189
3/23/2000	83	7.6292		-1.6807	1.6807	-1.6807	1.629	6.543
3/24/2000	84	7.7261		9.2918	9.2918	0.0000	1.726	56.031
3/25/2000	85	7.8417		4.7749	4.7749	0.0000	1.842	22.815
3/26/2000	86	7.9087		12.3201	12.3201	0.0000	1.909	74.827
3/27/2000	87	7.9083		6.5474	6.5474	0.0000	1.908	33.320
3/28/2000	88	7.5208		-1.9319	1.9319	-1.9319	1.521	8.214
3/29/2000	89	7.5333		6.4321	6.4321	0.0000	1.533	38.077
3/30/2000	90	7.6042		10.2873	10.2873	0.0000	1.604	67.254
3/31/2000	91	7.6304		7.3854	7.3854	0.0000	1.630	43.496
4/1/2000	92	7.8875		0.9387	0.9387	0.0000	1.888	2.795
4/2/2000	93	7.9087		4.1618	4.1618	0.0000	1.909	18.653
4/3/2000	94	7.9381		-0.4659	0.4659	-0.4659	1.938	1.119
4/4/2000	95	7.6800		-1.1196	1.1196	-1.1196	1.680	3.806
4/5/2000	96	7.9947		-1.4316	1.4316	-1.4316	1.995	4.611
4/6/2000	97	8.0458		-3.4205	3.4205	-3.4205	2.046	13.810
4/7/2000	98	8.1000		6.6095	6.6095	0.0000	2.100	31.497
4/8/2000	99	8.0609		-2.2445	2.2445	-2.2445	2.061	8.012
4/9/2000	100	8.1292		-7.8292	7.8292	-7.8292	2.129	38.738
4/10/2000	101	8.3333		-2.7738	2.7738	-2.7738	2.333	9.614
4/11/2000	102	8.8045		-1.7279	1.7279	-1.7279	2.805	4.600
4/12/2000	103	8.6217		-4.8096	4.8096	-4.8096	2.622	17.896
4/13/2000	104	8.6545		-6.1266	6.1266	-6.1266	2.655	24.179
4/14/2000	105	8.0583		-1.7305	1.7305	-1.7305	2.058	5.748
4/15/2000	106	8.1458		2.0985	2.0985	0.0000	2.146	7.142
4/16/2000	107	8.5125		-0.9285	0.9285	-0.9285	2.513	2.247
4/17/2000	108	8.7542		0.4759	0.4759	0.0000	2.754	0.894
4/18/2000	109	8.5375		2.5609	2.5609	0.0000	2.538	8.175
4/19/2000	110	8.4250		6.9691	6.9691	0.0000	2.425	30.416
4/20/2000	111	8.3292		10.0552	10.0552	0.0000	2.329	50.049
4/21/2000	112	8.3250		7.2108	7.2108	0.0000	2.325	32.743
4/22/2000	113	8.5167		0.0087	0.0087	0.0000	2.517	0.006
4/23/2000	114	8.3208		7.5596	7.5596	0.0000	2.321	34.828
4/24/2000	115	8.2042		5.3390	5.3390	0.0000	2.204	23.152
4/25/2000	116	8.2500		7.8016	7.8016	0.0000	2.250	37.073
4/26/2000	117	8.1583		8.4348	8.4348	0.0000	2.158	42.202
4/27/2000	118	8.2522		6.3818	6.3818	0.0000	2.252	28.648
4/28/2000	119	8.2435		10.4535	10.4535	0.0000	2.243	54.028
4/29/2000	120	8.3000		5.7588	5.7588	0.0000	2.300	24.744
4/30/2000	121	8.3000		6.9345	6.9345	0.0000	2.300	31.387

5/1/2000	122	8.2696		7.3490	7.3490	0.0000	2.270	34.131
5/2/2000	123	8.2696		9.4559	9.4559	0.0000	2.270	47.127
5/3/2000	124	8.1500		12.5456	12.5456	0.0000	2.150	70.344
5/4/2000	125	8.2083		7.0929	7.0929	0.0000	2.208	33.259
5/5/2000	126	8.3500		6.0021	6.0021	0.0000	2.350	25.693
5/6/2000	127	8.4833		6.9565	6.9565	0.0000	2.483	29.835
5/7/2000	128	8.7667		2.7943	2.7943	0.0000	2.767	8.594
5/8/2000	129	9.1583		-2.2645	2.2645	-2.2645	3.158	5.974
5/9/2000	130	9.4292		-1.0058	1.0058	-1.0058	3.429	1.993
5/10/2000	131	9.4917		-4.3472	4.3472	-4.3472	3.492	12.815
5/11/2000	132	9.2417		-7.2086	7.2086	-7.2086	3.242	25.815
5/12/2000	133	9.5833		1.1639	1.1639	0.0000	3.583	2.329
5/13/2000	134	9.8913		-4.7758	4.7758	-4.7758	3.891	13.377
5/14/2000	135	9.6042		-6.3988	6.3988	-6.3988	3.604	20.548
5/15/2000	136	9.5292		-6.3539	6.3539	-6.3539	3.529	20.671
5/16/2000	137	9.7125		2.1941	2.1941	0.0000	3.713	5.112
5/17/2000	138	9.3913		7.1963	7.1963	0.0000	3.391	24.942
5/18/2000	139	9.3818		4.5741	4.5741	0.0000	3.382	13.993
5/19/2000	140	9.3917		0.4989	0.4989	0.0000	3.392	0.819
5/20/2000	141	9.5083		4.9848	4.9848	0.0000	3.508	15.216
5/21/2000	142	9.1708		9.0899	9.0899	0.0000	3.171	35.289
5/22/2000	143	9.1792		1.6513	1.6513	0.0000	3.179	3.969
5/23/2000	144	9.7458		-1.0688	1.0688	-1.0688	3.746	2.023
5/24/2000	145	9.7542		-3.3297	3.3297	-3.3297	3.754	8.650
5/25/2000	146	10.2000		-5.2404	5.2404	-5.2404	4.200	14.266
5/26/2000	147	9.6001		6.46	6.4576	0.0000	3.600	20.807
5/27/2000	148	9.7222		9.78	9.7755	0.0000	3.722	34.542
5/28/2000	149	9.5865		12.69	12.6910	0.0000	3.587	49.540
5/29/2000	150	10.9000		-5.8803	5.8803	-5.8803	4.900	14.810
5/30/2000	151	10.6375		-10.9253	10.9253	-10.9253	4.638	34.040
5/31/2000	152	10.5208		-7.8276	7.8276	-7.8276	4.521	22.622
6/1/2000	153	11.7667		-0.6043	0.6043	-0.6043	5.767	0.717
6/2/2000	154	11.1708		-5.5488	5.5488	-5.5488	5.171	13.231
6/3/2000	155	11.5083		1.1266	1.1266	0.0000	5.508	1.643
6/4/2000	156	11.7125		2.3367	2.3367	0.0000	5.713	4.073
6/5/2000	157	11.6167		2.0386	2.0386	0.0000	5.617	3.462
6/6/2000	158	11.4542		3.7830	3.7830	0.0000	5.454	7.801
6/7/2000	159	11.9250		1.6524	1.6524	0.0000	5.925	2.547
6/8/2000	160	12.5208		-0.8006	0.8006	-0.8006	6.521	0.941
6/9/2000	161	12.2500		4.8871	4.8871	0.0000	6.250	9.823
6/10/2000	162	12.0417		2.4095	2.4095	0.0000	6.042	4.070
6/11/2000	163	12.1435		5.3865	5.3865	0.0000	6.143	11.263
6/12/2000	164	11.8958		1.1326	1.1326	0.0000	5.896	1.576
6/13/2000	165	11.9273		6.6256	6.6256	0.0000	5.927	15.062
6/14/2000	166	11.6542		-1.1795	1.1795	-1.1795	5.654	1.710
6/15/2000	167	11.7667		-6.6166	6.6166	-6.6166	5.767	15.333
6/16/2000	168	11.7250		-3.3096	3.3096	-3.3096	5.725	6.350
6/17/2000	169	11.7625		0.6025	0.6025	0.0000	5.763	0.714
6/18/2000	170	11.7833		-8.1641	8.1641	-8.1641	5.783	20.025
6/19/2000	171	11.8875		-3.3351	3.3351	-3.3351	5.888	6.286
6/20/2000	172	11.9292		1.1626	1.1626	0.0000	5.929	1.623
6/21/2000	173	12.1917		-4.0521	4.0521	-4.0521	6.192	7.780

6/22/2000	174	12.3458		-4.7085	4.7085	-4.7085	6.346	9.265
6/23/2000	175	12.6083		-0.1492	0.1492	-0.1492	6.608	0.108
6/24/2000	176	12.8375		-5.4771	5.4771	-5.4771	6.838	10.660
6/25/2000	177	13.2391		-4.8940	4.8940	-4.8940	7.239	8.861
6/26/2000	178	13.6474		-6.8503	6.8503	-6.8503	7.647	13.104
6/27/2000	179	13.1208		-8.3574	8.3574	-8.3574	7.121	17.785
6/28/2000	180	12.8250		-6.7056	6.7056	-6.7056	6.825	13.830
6/29/2000	181	12.6958		-1.4991	1.4991	-1.4991	6.696	2.060
6/30/2000	182	13.2917		1.4631	1.4631	0.0000	7.292	1.879
7/1/2000	183	13.4955		-3.1151	3.1151	-3.1151	7.495	4.848
7/2/2000	184	13.1875		-6.8709	6.8709	-6.8709	7.188	13.750
7/3/2000	185	13.1333		-3.9371	3.9371	-3.9371	7.133	6.778
7/4/2000	186	13.6292		-4.3508	4.3508	-4.3508	7.629	7.342
7/5/2000	187	13.4958		-4.7623	4.7623	-4.7623	7.496	8.346
7/6/2000	188	13.5875		-3.8619	3.8619	-3.8619	7.588	6.328
7/7/2000	189	14.0739		-1.7914	1.7914	-1.7914	8.074	2.264
7/8/2000	190	14.1458		-5.3405	5.3405	-5.3405	8.146	9.108
7/9/2000	191	14.2250		-5.4122	5.4122	-5.4122	8.225	9.201
7/10/2000	192	14.2042		-4.5749	4.5749	-4.5749	8.204	7.433
7/11/2000	193	14.1045		-0.3117	0.3117	-0.3117	8.105	0.241
7/12/2000	194	13.9083		6.3864	6.3864	0.0000	7.908	11.695
7/13/2000	195	13.5750		0.3501	0.3501	0.0000	7.575	0.293
7/14/2000	196	14.3773		-0.8896	0.8896	-0.8896	8.377	0.900
7/15/2000	197	14.2792		-3.3992	3.3992	-3.3992	8.279	5.049
7/16/2000	198	13.9522		-9.9216	9.9216	-9.9216	7.952	20.474
7/17/2000	199	13.7696		-9.4555	9.4555	-9.4555	7.770	19.573
7/18/2000	200	14.5542		-0.1867	0.1867	-0.1867	8.554	0.120
7/19/2000	201	14.3318		4.2384	4.2384	0.0000	8.332	6.667
7/20/2000	202	14.2208		3.9711	3.9711	0.0000	8.221	6.193
7/21/2000	203	14.4417		2.1091	2.1091	0.0000	8.442	2.703
7/22/2000	204	15.1125		0.4322	0.4322	0.0000	9.113	0.337
7/23/2000	205	15.3913		3.3110	3.3110	0.0000	9.391	4.462
7/24/2000	206	15.1762		7.4731	7.4731	0.0000	9.176	12.861
7/25/2000	207	14.7292		2.4865	2.4865	0.0000	8.729	3.258
7/26/2000	208	14.6864		9.9156	9.9156	0.0000	8.686	19.208
7/27/2000	209	14.1200		9.1619	9.1619	0.0000	8.120	18.215
7/28/2000	210	14.1043		7.1738	7.1738	0.0000	8.104	13.337
7/29/2000	211	14.4739		3.4066	3.4066	0.0000	8.474	4.980
7/30/2000	212	14.4250		6.8934	6.8934	0.0000	8.425	12.327
7/31/2000	213	14.3696		-0.8419	0.8419	-0.8419	8.370	0.840
8/1/2000	214	14.5083		-1.2376	1.2376	-1.2376	8.508	1.359
8/2/2000	215	14.7375		-3.4535	3.4535	-3.4535	8.738	4.958
8/3/2000	216	14.5000		-10.7128	10.7128	-10.7128	8.500	21.537
8/4/2000	217	14.3304		-11.3588	11.3588	-11.3588	8.330	23.550
8/5/2000	218	14.3167		-10.0472	10.0472	-10.0472	8.317	20.151
8/6/2000	219	14.1542		-10.0950	10.0950	-10.0950	8.154	20.561
8/7/2000	220	14.1625		-7.2732	7.2732	-7.2732	8.163	13.505
8/8/2000	221	13.5895		-3.2233	3.2233	-3.2233	7.589	5.020
8/9/2000	222	13.7783		-3.2060	3.2060	-3.2060	7.778	4.899
8/10/2000	223	14.9533		-4.4122	4.4122	-4.4122	8.953	6.668
8/11/2000	224	14.3125		-5.9634	5.9634	-5.9634	8.313	10.339
8/12/2000	225	14.5875		-4.5633	4.5633	-4.5633	8.588	7.172

8/13/2000	226	14.3917		-9.4632	9.4632	-9.4632	8.392	18.545
8/14/2000	227	14.5130		-5.1006	5.1006	-5.1006	8.513	8.321
8/15/2000	228	14.9125		1.7655	1.7655	0.0000	8.913	2.071
8/16/2000	229	14.5208		9.4516	9.4516	0.0000	8.521	18.315
8/17/2000	230	14.1909		8.3550	8.3550	0.0000	8.191	16.088
8/18/2000	231	14.1864		9.8526	9.8526	0.0000	8.186	19.875
8/19/2000	232	14.2696		8.2269	8.2269	0.0000	8.270	15.665
8/20/2000	233	14.3500		4.7553	4.7553	0.0000	8.350	7.713
8/21/2000	234	14.2565		7.4420	7.4420	0.0000	8.257	13.794
8/22/2000	235	14.1208		9.8387	9.8387	0.0000	8.121	19.954
8/23/2000	236	14.0217		1.1211	1.1211	0.0000	8.022	1.249
8/24/2000	237	14.2458		0.6195	0.6195	0.0000	8.246	0.573
8/25/2000	238	13.8870		4.9100	4.9100	0.0000	7.887	8.370
8/26/2000	239	13.8458		-2.7837	2.7837	-2.7837	7.846	4.063
8/27/2000	240	14.1542		-2.8161	2.8161	-2.8161	8.154	4.012
8/28/2000	241	14.3542		0.9238	0.9238	0.0000	8.354	0.947
8/29/2000	242	14.0435		-4.1526	4.1526	-4.1526	8.043	6.660
8/30/2000	243	14.1542		-6.9547	6.9547	-6.9547	8.154	12.762
8/31/2000	244	14.2458		-8.5141	8.5141	-8.5141	8.246	16.402
9/1/2000	245	14.1042		-3.8119	3.8119	-3.8119	8.104	5.937
9/2/2000	246	14.5625		-0.1116	0.1116	-0.1116	8.563	0.062
9/3/2000	247	14.3870		-5.2227	5.2227	-5.2227	8.387	8.669
9/4/2000	248	14.5958		-1.5745	1.5745	-1.5745	8.596	1.836
9/5/2000	249	14.5176		1.3671	1.3671	0.0000	8.518	1.542
9/6/2000	250	14.2288		1.1435	1.1435	0.0000	8.229	1.258
9/7/2000	251	13.9400		0.9199	0.9199	0.0000	7.940	0.976
9/8/2000	252	13.7958		-3.7802	3.7802	-3.7802	7.796	6.039
9/9/2000	253	13.7737		-1.1600	1.1600	-1.1600	7.774	1.334
9/10/2000	254	14.1417		-0.4650	0.4650	-0.4650	8.142	0.401
9/11/2000	255	14.2167		4.9583	4.9583	0.0000	8.217	8.231
9/12/2000	256	13.7583		-2.7731	2.7731	-2.7731	7.758	4.076
9/13/2000	257	13.9304		5.4048	5.4048	0.0000	7.930	9.427
9/14/2000	258	13.6800		1.7916	1.7916	0.0000	7.680	2.347
9/15/2000	259	13.6652		-5.1116	5.1116	-5.1116	7.665	8.993
9/16/2000	260	13.6208		8.8230	8.8230	0.0000	7.621	18.162
9/17/2000	261	13.4292		4.6458	4.6458	0.0000	7.429	8.138
9/18/2000	262	13.6375		1.2980	1.2980	0.0000	7.638	1.560
9/19/2000	263	13.8300		-3.7159	3.7159	-3.7159	7.830	5.889
9/20/2000	264	13.4875		-0.3944	0.3944	-0.3944	7.488	0.344
9/21/2000	265	13.4304		-7.2742	7.2742	-7.2742	7.430	14.445
9/22/2000	266	13.3500		-5.3260	5.3260	-5.3260	7.350	9.768
9/23/2000	267	13.1750		-5.1640	5.1640	-5.1640	7.175	9.552
9/24/2000	268	13.2583		-1.3137	1.3137	-1.3137	7.258	1.643
9/25/2000	269	13.1632		-1.1940	1.1940	-1.1940	7.163	1.467
9/26/2000	270	13.2333		2.1722	2.1722	0.0000	7.233	3.135
9/27/2000	271	13.3708		3.3980	3.3980	0.0000	7.371	5.484
9/28/2000	272	13.2083		9.3505	9.3505	0.0000	7.208	20.356
9/29/2000	273	12.8174		4.8454	4.8454	0.0000	6.817	9.131
9/30/2000	274	12.7500		-2.7204	2.7204	-2.7204	6.750	4.393
10/1/2000	275	12.8375		-3.1860	3.1860	-3.1860	6.838	5.328
10/2/2000	276	12.6952		-3.0039	3.0039	-3.0039	6.695	5.016
10/3/2000	277	12.6583		-0.8863	0.8863	-0.8863	6.658	1.056

10/4/2000	278	12.9042		-2.3418	2.3418	-2.3418	6.904	3.568
10/5/2000	279	12.9056		1.8227	1.8227	0.0000	6.906	2.588
10/6/2000	280	12.6056		7.2609	7.2609	0.0000	6.606	15.674
10/7/2000	281	12.4435		11.0003	11.0003	0.0000	6.443	27.152
10/8/2000	282	12.1917		2.2826	2.2826	0.0000	6.192	3.732
10/9/2000	283	12.3739		-0.1819	0.1819	-0.1819	6.374	0.143
10/10/2000	284	12.0250		-12.4206	12.4206	-12.4206	6.025	33.276
10/11/2000	285	11.9667		-2.5468	2.5468	-2.5468	5.967	4.409
10/12/2000	286	12.0542		4.5273	4.5273	0.0000	6.054	9.112
10/13/2000	287	11.8316		2.5740	2.5740	0.0000	5.832	4.543
10/14/2000	288	11.7667		3.1323	3.1323	0.0000	5.767	5.887

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62.4	[redacted]
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64.6	[redacted]
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